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KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(11)

MAY 81

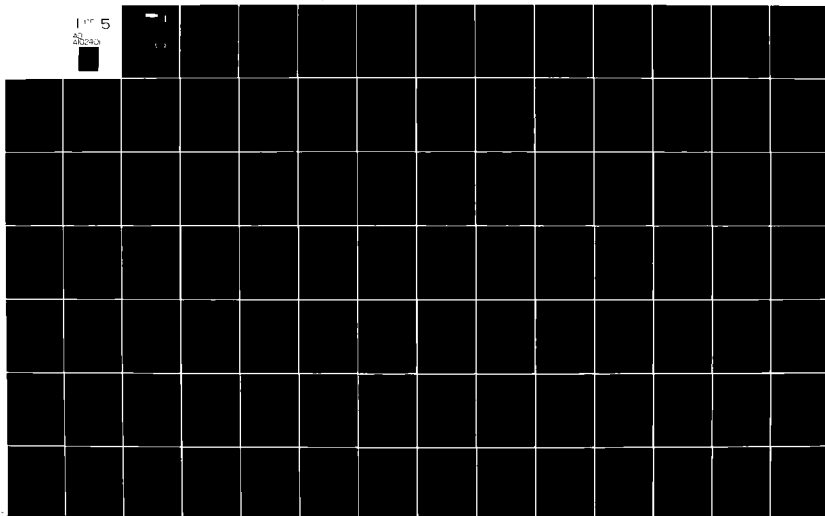
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1 of 5

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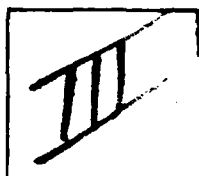


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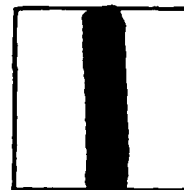
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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

KENNEDY SPACE CENTER FL
N 28 37 W 80 41 FLD ELEV 9 FT 468

WBAN #12886
WMO #

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26 MAY 1981

PERIOD A-C
FOR FROM HOURLY OBS: DEC 68 - DEC 70, JAN 73 - NOV 80
FOR FROM DAILY OBS: AUG 50 - DEC 52, JAN 57 - NOV 80
TIME CONVERSION GMT TO LST: -5

MAY 21 1981

FEDERAL BUILDING
ASHEVILLE, N. C.

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417 pages

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

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AIDE 850 093

REPORT DOCUMENTATION PAGE

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| | | | | | | | | | | | | | | | | | |
|---|--|-------------------------------|---------|--------------------|----------------------|----------|--------------------|-----------------------|-------------|--------------------|-----------------------|---------------|---------------------|---------------------------|-------------------|----------------------|--------|
| 1. REPORT NUMBER USAFETAC/DS-81/062 | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER | | | | | | | | | | | | | | | |
| 4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- KENNEDY SPACE CENTER, FLORIDA | 5. TYPE OF REPORT & PERIOD COVERED Final rept. | | | | | | | | | | | | | | | | |
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| 16. DISTRIBUTION STATEMENT of this Report Approved for public release; distribution unlimited. | | | | | | | | | | | | | | | | | |
| 17. DISTRIBUTION STATEMENT of the abstract entered in Block 20, if different from Report | | | | | | | | | | | | | | | | | |
| 18. SUPPLEMENTARY NOTES | | | | | | | | | | | | | | | | | |
| 19. WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table> | | | *RUSSWO | Daily temperatures | Atmospheric pressure | Snowfall | Extreme snow depth | Extreme surface winds | Climatology | Sea-level pressure | Psychrometric summary | Surface Winds | Extreme temperature | Ceiling versus visibility | Relative Humidity | *Climatological data | (over) |
| *RUSSWO | Daily temperatures | Atmospheric pressure | | | | | | | | | | | | | | | |
| Snowfall | Extreme snow depth | Extreme surface winds | | | | | | | | | | | | | | | |
| Climatology | Sea-level pressure | Psychrometric summary | | | | | | | | | | | | | | | |
| Surface Winds | Extreme temperature | Ceiling versus visibility | | | | | | | | | | | | | | | |
| Relative Humidity | *Climatological data | (over) | | | | | | | | | | | | | | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for KENNEDY SPACE CENTER, CAPE CANAVERAL, FLORIDA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over) | | | | | | | | | | | | | | | | | |

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1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*FLORIDA

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

This product was produced by using data from Cape Canaveral (XMR) and Kennedy Space Center (X68). The period of record for XMR extends to Mar 1978 and then data is from X68. Our recent study revealed no significant statistical differences in weather parameters in this area. However there may be small variations in extreme values from one station to the next. Use the extreme values with caution. These pages are stamped:

"USE WITH CAUTION SEE FIRST PAGE"

DATA PROCESSING DIVISION
UNAFETAC OL-1
AIR WEATHER SERVICE (WAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS:

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | FIELD ELEV (FT) | CALL SIGN | WMO NUMBER |
|-----------------------|------------------------|----------|-----------|-----------------|-----------|------------|
| 12868 | Cape Canaveral Florida | N 28 28 | W 080 33 | 10 | MR | 74794 |

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|--------------------|---|-----------------|------------------|--------|----------|-----------|---------------------|-----------|-------------|
| | | | FROM | TO | | | FIELD (FT) | HT. BARD. | |
| 1. | Cape Canaveral Florida (Longrange Proving Ground) | AFS | Aug 50 | Jan 53 | N 28 28 | W 080 33 | 14 | 17 ft | 24 |
| 2. | Same | Same | Feb 53 | Feb 54 | Same | Same | Same | Same | 24 |
| 3. | Same | Same | Mar 54 | Oct 56 | Same | Same | 10 | Same | 9-12 |
| 4. | Cape Canaveral Florida | Same | Nov 56 | Mar 64 | N 28 29 | Same | Same | 16 ft | 24 |
| 5. | Cape Kennedy AFS Florida | Same | Apr 64 | Mar 70 | Same | Same | Same | Same | 24 |
| 6. | Same | Same | Apr 70 | Feb 78 | N 28 28 | Same | Same | Same | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|----------------|---|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1. | Aug 50 | Located on top of weather station | GMQ-1 | ML-204B | 40 ft | |
| 2. | Mar 54 | Located on the NE corner of the weather station | GMQ-1A | Same | 49 ft | |
| 3. | Apr 56 | Located on top of weather station | Same | Same | 35 ft | |
| 4. | Apr 58 | 1. Located on roof of inflation shelter | Same | Same | 36 ft | |
| | | 2. Same | Stewart Type Friez | Stewart Type | 33 ft | |
| | | 3. Same | Same | ML 141-5 | 34 ft | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------------|----------------------|--|------------------------|---------------------|--------------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 5. | Apr 62 | 1. Located on roof of inflation shelter | GMQ-1A | ML-204B | 36 ft | |
| 6. | Apr 63 | 2. Same Located on roof of inflation shelter | Friez Same | M 141-5 Same | 34 ft Same | |
| 7. | Apr 67 | Located on roof of inflation shelter which adjoins weather station on E side | Same | Same | Same | |
| 8. | Mar 79 | Same | Same | Same | Same | |

| | | | | | | |
|--------------------------------|---|---------------------|-----------------------|----------------------|------------------|------------|
| STATION NO. OR SUMMARY 1286 | STATION NAME KSC Shuttle Apt Florida | LATITUDE N 28 37 | LONGITUDE W 080 41 | FIELD ELEV (FT) 9 | CALL SIGN X68 | WMO NUMBER |
|--------------------------------|---|---------------------|-----------------------|----------------------|------------------|------------|

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|--------------------|------------------------------|-----------------|------------------|--------|----------|-----------|---------------------|----------|-------------|
| | | | FROM | TO | | | FIELD (FT) | HT BARO. | |
| 1. | KSC Shuttle Apt, FL | AFS | Mar 78 | Aug 80 | N 28 35 | W 080 41 | 9 | 16 ft | 24 |
| 2. | Same | Same | Aug 80 | Mar 81 | N 28 37 | W 080 41 | 9 | 13 ft | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|----------------|---|---------------------|--------------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1. | Mar 78 | 1. Located atop 10 meter towers, nearly equidistant, along, and 150 east of Shuttle Runway centerline | Climat 0125 | E 1102 S Esterline Angus | 10 ft | |
| | | 2. Located 140 ft SW of observing tower. | AN/GMQ11 | RO-2 | 13 ft | |

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".05" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

17 81 KENNEDY SPACE CENTER FL

69-70, 73-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | 00-02 | .1 | 3.3 | | | | 3.3 | 3.6 | | | | 7.6 | 127 |
| | 03-05 | | 5.7 | | | | 5.7 | 7.1 | | | | 7.1 | 113 |
| | 06-08 | .1 | 4.5 | | | | 4.2 | 15.7 | | | | 15.7 | 224 |
| | 09-11 | | 3.3 | | | | 3.3 | 4.5 | .5 | | | 4.5 | 65 |
| | 12-14 | .2 | 6.2 | | | | 6.2 | .3 | .1 | | | .6 | 87 |
| | 15-17 | .2 | 3.9 | | | | 3.9 | .9 | .2 | | | 1.1 | 156 |
| | 18-20 | .6 | 4.5 | | | | 4.5 | .9 | .5 | | | 1.4 | 193 |
| | 21-23 | .2 | 3.2 | | | | 3.2 | 2.1 | | | | 2.1 | 297 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .2 | 4.3 | | | | 4.3 | 4.7 | .2 | | | 4.7 | 744 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

WEATHER CONDITIONS

STATION KENNEDY SPACE CENTER FL 65-7,73-A YEARS FE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| FEV | 00-01 | | 3.4 | | | | 3.4 | 3.2 | .5 | | | 3.7 | 846 |
| | 03-05 | | 3.4 | | | | 3.4 | 5.4 | .4 | | | 5.3 | 846 |
| | 06-08 | | 4.7 | | | | 4.7 | 11.6 | .7 | | | 12.3 | 846 |
| | 09-11 | .2 | 4.5 | | | | 4.5 | 5.8 | 1.4 | | | 5.3 | 846 |
| | 12-14 | .5 | 3.7 | | | | 3.7 | .4 | .5 | | | 1.2 | 846 |
| | 15-17 | .4 | 4.5 | | | | 4.5 | 1.2 | .5 | | | 1.7 | 846 |
| | 18-20 | .2 | 4.4 | | | | 4.4 | 2.4 | .6 | | | 3. | 846 |
| | 21-23 | .4 | 6.0 | | | | 6.0 | 2.0 | .7 | | | 1.7 | 846 |
| | | | | | | | | | | | | | |
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| TOTALS | | .2 | 4.4 | | | | 4.4 | 4.0 | .7 | | | 4.4 | 6709 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1-56 STATION 69-7, 73-50
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| 4-5 | 7-03 | .5 | 5.3 | | | | 5.3 | 1.5 | | | | 1.5 | 929 |
| | 03-09 | .8 | 4.0 | | | | 4.8 | 5.1 | | | | 5.1 | 927 |
| | 09-09 | .4 | 3.0 | | | | 3.4 | 11.4 | .4 | | | 11.4 | 927 |
| | 09-11 | .3 | 1.9 | | | | 1.9 | 2.5 | 1.5 | | | 3.9 | 930 |
| | 12-14 | .4 | 3.4 | | | | 3.4 | .1 | .4 | | | .4 | 930 |
| | 15-17 | .3 | 4.1 | | | | 4.1 | .6 | .4 | | | 1.1 | 930 |
| | 18-20 | 1.2 | 5.1 | | | | 5.1 | .5 | .5 | | | 1.4 | 930 |
| | 21-23 | 1.4 | 4.5 | | | | 4.5 | .4 | | | | .4 | 930 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 3.9 | | | | 3.9 | 2.9 | .5 | | | 3.4 | 7432 |

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USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17 34 KENNEDY SPACE CENTER FL 69-71, 73-80 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| APR | 00-07 | .6 | 1.1 | | | | 1.1 | .8 | | | | .8 | 900 |
| | 08-05 | .1 | 1.4 | | | | 1.4 | 2.3 | | | | 0.3 | 900 |
| | 06-03 | .2 | 1.6 | | | | 1.6 | 7.0 | .3 | | | 7.3 | 900 |
| | 09-11 | .7 | 2.1 | | | | 2.1 | 1.1 | 1.4 | | | 2.4 | 900 |
| | 12-14 | 1.9 | 1.9 | | | | 1.9 | .1 | .2 | | | .3 | 900 |
| | 15-17 | 1.0 | 2.9 | | | | 2.9 | .1 | .1 | | | .2 | 900 |
| | 18-20 | .8 | 1.3 | | | | 1.3 | .1 | .2 | | | .3 | 899 |
| | 21-23 | .4 | 1.6 | | | | 1.6 | .1 | | | | .1 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 1.7 | | | | 1.7 | 1.5 | .3 | | | 1.7 | 7199 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17820

KENNEDY SPACE CENTER FL

69-71, 73-67

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| MAY | 00-02 | .8 | 1.4 | | | | 1.4 | .2 | .6 | | | .6 | 929 |
| | 03-05 | | .8 | | | | .8 | .2 | .3 | | | .5 | 930 |
| | 06-08 | .5 | 2.3 | | | | 2.3 | 4.3 | 1.1 | | | 4.7 | 930 |
| | 09-11 | 1.7 | 3.2 | | | | 3.2 | .5 | 1.6 | | | 2.1 | 930 |
| | 12-14 | 6.1 | 5.5 | | | | 5.5 | | 1.2 | | | 1.2 | 930 |
| | 15-17 | 7.6 | 6.7 | | | | 5.7 | .1 | 1.4 | | | 1.5 | 930 |
| | 18-20 | 6.9 | 5.6 | | | | 5.6 | .4 | 1.5 | | | 1.8 | 930 |
| | 21-23 | 2.8 | 5.3 | | | | 5.3 | .3 | .9 | | | 1.2 | 930 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | 3.3 | 3.9 | | | | 3.9 | .8 | 1.1 | | | 1.7 | 7439 |

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USAF CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/PAAC

WEATHER CONDITIONS

1 62 KENNEDY SPACE CENTER FL

69-71, 73-75

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUN | 1-2 | .5 | 2.2 | | | | 2.3 | .5 | .1 | | | .5 | 900 |
| | 3-5 | .4 | 2.4 | | | | 2.4 | 1.3 | .1 | | | 1.4 | 900 |
| | 6-8 | .9 | 3.1 | | | | 3.1 | 3.4 | 2.4 | | | 5.4 | 900 |
| | 9-11 | 1.9 | 2.1 | | | | 2.1 | | 1.4 | | | 1.4 | 900 |
| | 12-14 | 7.0 | 4.2 | | | | 4.2 | | 1.0 | | | 1.0 | 900 |
| | 15-17 | 14.3 | 6.3 | | | | 6.3 | | .2 | | | .2 | 900 |
| | 18-20 | 11.3 | 9.8 | | | | 9.8 | .2 | .4 | | | .7 | 900 |
| | 21-23 | 2.6 | 4.9 | | | | 4.8 | .1 | .3 | | | .4 | 900 |
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| TOTALS | | 4.9 | 4.7 | | | | 4.7 | .7 | .7 | | | 1.4 | 7200 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/PAC

WEATHER CONDITIONS

1988 KENNEDY SPACE CENTER FL 69-70, 73-6 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUL | 00-03 | .8 | 1.3 | | | | 1.3 | .1 | .0 | | | .2 | 930 |
| | 03-05 | .1 | .4 | | | | .4 | .3 | .6 | | | .4 | 930 |
| | 06-08 | 1.3 | 1.4 | | | | 1.4 | 2.5 | 1.9 | | | 4.2 | 930 |
| | 09-11 | 2.6 | 2.7 | | | | 2.7 | | 1.0 | | | 1.0 | 930 |
| | 12-14 | 12.0 | 4.6 | | | | 4.6 | | .6 | | | .6 | 930 |
| | 15-17 | 20.2 | 8.7 | | | | 8.7 | .2 | .9 | | | 1.1 | 930 |
| | 18-20 | 12.7 | 8.7 | | | | 8.7 | .0 | 1.5 | | | 2.2 | 930 |
| | 21-23 | 4.3 | 3.3 | | | | 3.3 | | .5 | | | .5 | 930 |
| | | | | | | | | | | | | | |
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| TOTALS | | 6.8 | 3.9 | | | | 3.9 | .5 | 1.0 | | | 1.4 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1966 KENNEDY SPACE CENTER FL 67-71, 73-81 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| AUG | 01-02 | 1.3 | 1.3 | | | | 1.3 | .8 | .1 | | | .9 | 930 |
| | 03-05 | 1.3 | 1.8 | | | | 1.3 | 1.6 | | | | 1.6 | 930 |
| | 06-08 | .8 | 1.2 | | | | 1.2 | 3.1 | .8 | | | 3.7 | 930 |
| | 09-11 | 2.8 | 2.8 | | | | 2.8 | .1 | .9 | | | 1.8 | 930 |
| | 12-14 | 8.4 | 3.4 | | | | 3.4 | | .3 | | | .3 | 930 |
| | 15-17 | 14.9 | 9.6 | | | | 9.6 | .3 | .5 | | | .9 | 930 |
| | 18-20 | 8.7 | 6.6 | | | | 6.6 | .5 | 1.6 | | | 2.2 | 930 |
| | 21-23 | 2.6 | 2.4 | | | | 2.4 | .3 | .2 | | | .5 | 930 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 5.1 | 3.6 | | | | 3.6 | .8 | .6 | | | 1.4 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

1943: KENNEDY SPACE CENTER FL 69-70, 73-80 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 00-02 | 3.7 | 4.6 | | | | 4.6 | .4 | .2 | | | .7 | 900 |
| | 03-05 | 2.4 | 4.7 | | | | 4.7 | .9 | | | | .9 | 900 |
| | 06-08 | 1.8 | 5.9 | | | | 5.9 | 3.0 | .7 | | | 3.7 | 900 |
| | 09-11 | 1.7 | 4.3 | | | | 4.3 | | .3 | | | .3 | 900 |
| | 12-14 | 6.6 | 5.2 | | | | 5.2 | | | | | | 900 |
| | 15-17 | 8.3 | 7.0 | | | | 7.0 | | .4 | | | .4 | 900 |
| | 18-20 | 6.8 | 9.1 | | | | 9.1 | | .6 | | | .6 | 900 |
| | 21-23 | 4.1 | 6.7 | | | | 6.7 | .1 | .3 | | | .4 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 4.4 | 5.9 | | | | 5.9 | .6 | .3 | | | .9 | 7200 |

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USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 - 43 KENNEDY SPACE CENTER FL 69-70, 73-80 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| OCT | 00-02 | .5 | 2.7 | | | | 2.7 | .3 | | | | .2 | 629 |
| | 03-05 | .2 | 2.0 | | | | 2.2 | 1.5 | | | | 1.5 | 620 |
| | 06-08 | .5 | 4.4 | | | | 4.4 | 4.8 | | | | 4.2 | 627 |
| | 09-11 | .2 | 3.8 | | | | 3.8 | .2 | .2 | | | .4 | 626 |
| | 12-14 | 1.0 | 5.4 | | | | 5.4 | .3 | | | | .3 | 630 |
| | 15-17 | 1.4 | 5.5 | | | | 5.3 | .1 | | | | .1 | 630 |
| | 18-20 | 1.6 | 5.4 | | | | 5.4 | | .4 | | | .4 | 628 |
| | 21-23 | .9 | 3.9 | | | | 3.9 | | | | | | 629 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .8 | 4.1 | | | | 4.1 | .9 | .1 | | | 1.0 | 7435 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

10-86 KENNEDY SPACE CENTER FL

69-77,73-87

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| NOV | 00-02 | | 3.6 | | | | 3.6 | 3.2 | .4 | | | 3.7 | 900 |
| | 03-05 | .3 | 3.9 | | | | 3.9 | 5.1 | | | | 5.1 | 900 |
| | 06-08 | .1 | 3.2 | | | | 3.2 | 3.6 | .1 | | | 3.6 | 900 |
| | 09-11 | | 3.9 | | | | 3.9 | 2.6 | .2 | | | 2.8 | 900 |
| | 12-14 | .2 | 3.8 | | | | 3.8 | | .6 | | | .6 | 900 |
| | 15-17 | .8 | 4.2 | | | | 4.2 | .3 | 1.1 | | | 1.4 | 900 |
| | 18-20 | .8 | 4.1 | | | | 4.1 | .7 | 1.6 | | | 3.2 | 898 |
| | 21-23 | .7 | 4.2 | | | | 4.2 | 1.2 | .7 | | | 3.0 | 897 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .4 | 3.9 | | | | 3.9 | 2.7 | .6 | | | 3.3 | 7195 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17 25 KENNEDY SPACE CENTER FL 66-7, 73-79 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| DEC | 00-02 | | 4.2 | | | | 4.2 | 5.2 | | | | 1.2 | 930 |
| | 03-05 | .1 | 4.3 | | | | 4.3 | 7.1 | | | | 7.1 | 930 |
| | 06-08 | | 3.9 | | | | 3.9 | 10.1 | | | | 10.1 | 930 |
| | 09-11 | .2 | 4.2 | | | | 4.0 | 4.3 | .2 | | | 4.5 | 930 |
| | 12-14 | .4 | 5.7 | | | | 5.7 | .6 | | | | .6 | 930 |
| | 15-17 | .6 | 5.5 | | | | 5.5 | .6 | | | | .6 | 930 |
| | 18-20 | .1 | 4.7 | | | | 4.7 | 1.3 | | | | 1.3 | 928 |
| | 21-23 | | 5.2 | | | | 5.2 | 2.8 | | | | 2.8 | 927 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .2 | 4.7 | | | | 4.7 | 4.0 | .2 | | | 4.1 | 7435 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1. STATION KENNEDY SPACE CENTER FL YEARS 68-70, 73-81 MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JAN | ALL | 0.2 | 4.3 | | | | 4.5 | 4.7 | 0.1 | | | 4.6 | 7447 |
| FEB | | 0.2 | 4.4 | | | | 4.4 | 4.1 | 0.7 | | | 4.6 | 6768 |
| MAR | | 0.7 | 3.9 | | | | 3.9 | 2.9 | 0.6 | | | 3.4 | 7432 |
| APR | | 0.7 | 1.7 | | | | 1.7 | 1.5 | 0.3 | | | 1.7 | 7199 |
| MAY | | 3.3 | 3.9 | | | | 3.9 | 0.6 | 1.1 | | | 1.7 | 7439 |
| JUN | | 4.9 | 4.7 | | | | 4.7 | 0.7 | 0.7 | | | 1.4 | 7260 |
| JUL | | 6.8 | 3.9 | | | | 3.9 | 0.6 | 1.0 | | | 1.4 | 7440 |
| AUG | | 5.1 | 3.6 | | | | 3.6 | 0.8 | 0.6 | | | 1.4 | 7447 |
| SEP | | 4.4 | 3.9 | | | | 3.9 | 0.6 | 0.2 | | | 0.9 | 7260 |
| OCT | | 0.8 | 4.1 | | | | 4.1 | 0.9 | 0.1 | | | 1.0 | 7435 |
| NOV | | 0.4 | 3.9 | | | | 3.9 | 2.7 | 0.6 | | | 3.3 | 7195 |
| DEC | | 0.2 | 4.7 | | | | 4.7 | 4.0 | 0.0 | | | 4.1 | 7435 |
| TOTALS | | 2.3 | 4.1 | | | | 4.1 | 2.0 | 0.5 | | | 2.5 | 97623 |

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

1 1960 WINNEDY SPACE CENTER FL 10-50, 57-80 3LL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JAN | DAILY | 1.2 | 32.5 | | .1 | | 32.8 | 21.2 | 3.2 | | | 11.1 | 174 |
| FEB | | 5.4 | 34.5 | | | | 34.5 | 25.8 | 4.4 | | .1 | 25.1 | 175 |
| MAR | | 4.4 | 33.1 | | | | 33.1 | 21.1 | 4.1 | | | 25.6 | 206 |
| APR | | 5.6 | 24.5 | | | | 24.6 | 13.1 | 4.4 | | .1 | 14.5 | 751 |
| MAY | | 37.1 | 35.7 | | | .5 | 36.7 | 3.9 | 8.3 | | | 11.5 | 815 |
| JUN | | 45.8 | 47.9 | | | | 47.9 | 7.6 | 3.5 | | | 5.7 | 751 |
| JUL | | 51.5 | 45.5 | | | | 45.5 | 5.2 | 2.2 | | | 5.9 | 506 |
| AUG | | 46.4 | 45.9 | | | | 45.5 | 7.9 | 2.4 | | | 5.4 | 534 |
| SEP | | 32.7 | 56.9 | | | | 56.9 | 5.6 | 2.1 | | | 7.1 | 510 |
| OCT | | 12.4 | 46.3 | | | | 46.3 | 8.6 | 2.3 | | | 10.4 | 535 |
| NOV | | 3.7 | 33.5 | | | | 33.5 | 19.5 | 3.7 | | | 21.5 | 512 |
| DEC | | 2.0 | 35.4 | | | | 35.4 | 24.0 | 2.1 | | | 24.6 | 775 |
| TOTALS | | 20.6 | 39.4 | | .1 | .5 | 39.4 | 14.8 | 3.4 | | .1 | 15.5 | 4590 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| | | |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 57 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

| AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|------------------|------|-------|--------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|---|---------------------------|-----------------------------|----------|-------|
| PRECIP | NONE | TRACE | 01 | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | . | . | . | 1.1 | . | 1.1 | 1.1 | 3. | 1.1 | 1. | . | | | . | | | . | |
| FEB | . | . | . | . | . | 1.1 | . | 3. | 1.1 | 1. | . | | | . | | | . | |
| MAR | . | . | . | 1 | . | . | 1.1 | 3. | 1.1 | 1. | . | . | | 1.1 | | 1.1 | . | |
| APR | . | . | . | . | 1.1 | 1.1 | . | 1.1 | 1. | 1. | . | . | | 1.1 | | 1.1 | . | |
| MAY | . | . | 1.1 | 4.5 | 4.1 | 1.1 | 1. | 1. | 1. | . | . | | | 1.1 | | 1.1 | . | |
| JUN | 1.1 | 1.1 | 1.1 | . | 1.1 | 1.1 | 1.1 | 7. | 1.1 | 1. | 1.1 | | | 1.1 | | 1.1 | . | |
| JUL | . | . | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 4. | 1.1 | 1.1 | . | | | 1.1 | | 1.1 | . | |
| AUG | 1.1 | 1.1 | 1.1 | 1.1 | 4.3 | 1.1 | 1.1 | 1.1 | 4. | 1.1 | . | . | | 14.4 | | 1.1 | 1.1 | |
| SEP | 1. | 1.1 | 1.1 | 1.1 | 7.7 | 4.1 | 1.1 | 1. | 1.1 | 4. | 1.1 | . | | 14.1 | | 1.1 | 1.1 | |
| OCT | . | 1 | 1.1 | 1.1 | 7.1 | 1.1 | 1.1 | 1.1 | 4. | 1.1 | . | . | | 14.1 | | 4.1 | 1.1 | |
| NOV | . | . | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 3.1 | 1.1 | . | . | . | | 14.1 | | 1.1 | 1.1 | |
| DEC | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 4.1 | 1. | 1.1 | | | | | 1.1 | | 1.1 | . | |
| ANNUAL | . | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 4.1 | 4.1 | 1.1 | . | . | | | 1.1 | 1.1 | 1.1 | | |

I

U.S. AIR FORCE
CLIMATE DIVISION
ATLANTA, GEORGIA

REPORT ON
SEE FIRST PAGE

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1. STATION NAME: HANCOCK SPACE CENTER FL
STATION: STATION NAME: HANCOCK SPACE CENTER FL
YEARS: 1952-57-8

24 HOUR AMOUNTS IN INCHES

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|------------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|
| 1 | .41 | 2.12 | .79 | 2.55 | 1.38 | 1.42 | .80 | .84 | 1.17 | 1.7 | 1.25 | 1.14 | |
| 2 | .47 | 1.32 | 1.11 | 2.11 | .57 | .89 | .75 | 1.75 | 4.3 | 7.57 | .75 | .81 | |
| 3 | 2.99 | 1.34 | 1.47 | 1.88 | .93 | 1.22 | 2.11 | 1.75 | 1.67 | .82 | .55 | 1.17 | |
| 4 | 1.71 | 1.13 | 1.10 | 1.15 | .70 | .65 | 1.47 | .61 | 1.71 | 1.65 | 1.39 | 1.17 | |
| 5 | 1.43 | 1.84 | 1.43 | 1.55 | .89 | 1.72 | 2.33 | 2.07 | 1.45 | 1.85 | 1.65 | .82 | |
| 6 | .64 | .84 | 1.67 | .71 | 1.42 | 1.25 | 1.57 | 1.41 | 1.10 | 1.72 | .51 | .84 | |
| 7 | 2.82 | .86 | .57 | .44 | .73 | 2.31 | 2.13 | 2.35 | 1.85 | 1.85 | 1.32 | .82 | |
| 8 | .85 | 1.10 | 1.27 | .40 | .94 | 2.66 | 2.23 | 1.81 | 1.84 | 1.81 | 1.75 | .81 | |
| 9 | .63 | 2.9 | .81 | .71 | .71 | .95 | 3.57 | 1.45 | 8.85 | .72 | 7.89 | .73 | |
| 10 | 1.27 | .99 | 1.74 | .71 | 1.27 | .75 | 2.24 | 7.81 | 4.55 | 1.98 | 1.42 | .89 | |
| 11 | 1.77 | 1.50 | 1.55 | .13 | .3 | 1.75 | .89 | 1.17 | .87 | 1.84 | 1.47 | .75 | |
| 12 | 1.24 | 3.17 | 1.94 | 1.25 | 1.53 | 4.76 | .75 | 2.88 | 1.24 | 1.12 | 1.45 | .81 | |
| 13 | .71 | 1.75 | .25 | .77 | TRACE | 1.28 | 2.52 | .95 | 1.75 | .25 | TRACE | .81 | |
| 14 | .25 | 1.60 | 1.75 | .67 | 1.12 | 4.34 | 1.37 | 1.62 | 1.22 | 5.25 | .73 | .81 | |
| 15 | 1.5 | .37 | 1.41 | .15 | 3.65 | .49 | 1.35 | 1.73 | 1.65 | 1.85 | .92 | 1.45 | |
| 16 | 5.40 | .74 | 1.05 | .80 | 1.38 | .89 | 1.44 | 1.1 | .57 | .87 | .17 | .77 | |
| 17 | .1 | 2.12 | .30 | 1.25 | 3.12 | .58 | .70 | 1.77 | 2.35 | 1.16 | 1.59 | 1.17 | |
| 18 | .1 | 1.71 | 3.97 | .75 | 1.73 | 7.71 | 1.35 | 1.25 | .61 | 2.61 | 4.00 | .85 | |
| 19 | 1.27 | .78 | 1.67 | .64 | .75 | 1.68 | 1.12 | 1.01 | 2.51 | 1.93 | .77 | .92 | |
| 20 | .13 | .15 | .77 | .53 | .71 | 1.32 | 2.85 | 7.65 | 1.15 | 1.64 | .45 | .74 | |
| 21 | .33 | .45 | .70 | .10 | 1.23 | 2.65 | .51 | 1.49 | 2.61 | 1.7 | .25 | .81 | |
| 22 | .43 | .45 | .50 | .49 | 1.20 | .70 | .65 | 1.84 | 2.53 | 1.31 | 2.50 | .71 | |
| 23 | .35 | .73 | .11 | .11 | .56 | .17 | 1.05 | 2.15 | 1.41 | 2.43 | 4.93 | .80 | |
| 24 | 1.21 | 1.77 | 1.42 | .13 | 1.45 | 3.09 | 2.43 | .29 | 1.12 | 2.16 | .43 | 1.67 | |
| 25 | 4.55 | .58 | .95 | .43 | 1.49 | 2.27 | 1.36 | 1.97 | 3.61 | 1.23 | 1.75 | .75 | |
| 26 | 1.17 | 1.53 | .80 | 1.43 | 2.14 | 1.34 | 2.50 | 1.89 | .90 | .59 | 1.8 | | |
| MEAN | 1.234 | 1.339 | 1.279 | .718 | 1.147 | 1.682 | 1.583 | 1.772 | 2.117 | 1.521 | 1.575 | .770 | 3.344 |
| S.D. | 1.671 | .694 | 1.076 | .649 | .731 | 1.293 | .841 | 1.115 | 1.407 | 1.301 | 1.457 | .452 | 1.769 |
| TOTAL OBS. | 274 | 735 | 870 | 792 | 806 | 721 | 833 | 835 | 811 | 531 | 810 | 775 | 5511 |

NOTE: TRACE IN LAST 5 YEAR FULL MONTHS

EXTREME VALUES

ANNUAL PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION NAME: KENNEDY SPACE CENTER FL 32824 51-2 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|---------------|
| 56 | 0.71 | 3.76 | 0.69 | 4.34 | 3.29 | 4.64 | 0.44 | 3.25 | 4.56 | 3.93 | 1.93 | 1.74 | 34.41 |
| 57 | 0.34 | 3.94 | 4.06 | 1.44 | 1.88 | 1.95 | 1.60 | 1.34 | 14.23 | 4.40 | 1.15 | 0.00 | 45.89 |
| 58 | 4.12 | 3.97 | 4.31 | 3.79 | 3.93 | 3.94 | 7.27 | 7.29 | 4.47 | 2.38 | 1.64 | 2.76 | 46.79 |
| 59 | 3.57 | 2.23 | 4.40 | 2.15 | 1.42 | 2.75 | 3.97 | 1.63 | 2.78 | 4.35 | 1.65 | 1.43 | 37.94 |
| 60 | 2.51 | 4.75 | 4.22 | 4.27 | 1.62 | 4.71 | 5.79 | 5.01 | 5.32 | 5.34 | 3.01 | 2.00 | 50.11 |
| 61 | 0.00 | 4.57 | 11.27 | 0.99 | 1.81 | 7.11 | 6.27 | 4.77 | 10.67 | 5.75 | 1.74 | 1.74 | 58.89 |
| 62 | 1.72 | 1.79 | 2.22 | 0.79 | 2.55 | 4.45 | 4.86 | 4.61 | 4.67 | 3.49 | 2.01 | 0.27 | 38.47 |
| 63 | 0.14 | 1.40 | 7.24 | 1.79 | 0.74 | 0.76 | 7.71 | 1.46 | 1.38 | 2.74 | 4.32 | 0.61 | 51.47 |
| 64 | 1.14 | 3.03 | 2.12 | 0.00 | 1.68 | 2.07 | 12.30 | 7.30 | 11.28 | 0.89 | 2.20 | 2.63 | 63.89 |
| 65 | 4.52 | 4.17 | 0.17 | 0.00 | 1.71 | 0.99 | 6.88 | 12.05 | 7.30 | 3.40 | 0.19 | 1.05 | 51.53 |
| 66 | 3.13 | 3.73 | 5.27 | 0.12 | 0.00 | 8.36 | 2.41 | 1.42 | 2.11 | 6.05 | 2.34 | 1.77 | 37.77 |
| 67 | 5.14 | 5.40 | 2.28 | 1.23 | 7.12 | 10.63 | 3.19 | 7.10 | 6.75 | 2.29 | 1.42 | 1.43 | 54.40 |
| 68 | 1.70 | 3.89 | 0.40 | 0.10 | TRACED | 4.36 | 5.54 | 3.75 | 4.71 | 2.12 | TRACED | 2.50 | 34.85 |
| 69 | 0.11 | 2.74 | 2.91 | 1.78 | 4.74 | 19.01 | 3.43 | 1.90 | 4.49 | 14.37 | 1.92 | 0.41 | 62.49 |
| 70 | 2.25 | 1.27 | 0.34 | 0.11 | 1.41 | 1.61 | 4.24 | 4.70 | 4.71 | 5.36 | 3.23 | 3.10 | 44.17 |
| 71 | 0.00 | 1.79 | 2.11 | 1.11 | 2.19 | 4.15 | 5.63 | 4.52 | 2.46 | 3.62 | 0.26 | 0.72 | 33.72 |
| 72 | 0.14 | 4.07 | 1.40 | 1.77 | 4.55 | 1.56 | 4.87 | 3.53 | 5.75 | 7.54 | 4.45 | 2.79 | 42.63 |
| 73 | 1.71 | 2.71 | 2.67 | 0.61 | 3.64 | 9.41 | 3.22 | 5.44 | 1.64 | 2.00 | 1.39 | 2.62 | 47.41 |
| 74 | 3.24 | 1.71 | 2.57 | 1.82 | 1.92 | 4.79 | 3.22 | 5.03 | 3.41 | 3.85 | 1.11 | 2.54 | 42.61 |
| 75 | 0.74 | 0.15 | 0.44 | 0.05 | 0.02 | 7.45 | 7.82 | 0.11 | 5.00 | 4.30 | 0.77 | 2.00 | 41.86 |
| 76 | 0.00 | 0.23 | 0.25 | 0.64 | 3.86 | 7.47 | 2.06 | 1.29 | 3.74 | 4.91 | 0.91 | 0.00 | 19.17 |
| 77 | 0.00 | 0.49 | 0.79 | 0.09 | 6.30 | 4.79 | 1.76 | 5.14 | 2.70 | 2.05 | 4.34 | 1.49 | 37.70 |
| 78 | 0.31 | 1.55 | 0.42 | 1.10 | 2.26 | 0.37 | 3.57 | 4.42 | 4.52 | 2.61 | 5.64 | 4.06 | 33.25 |
| 79 | 0.00 | 5.27 | 0.69 | 0.40 | 3.05 | 8.85 | 12.79 | 1.14 | 3.30 | 4.41 | 0.64 | 3.43 | 47.64 |
| 80 | 0.44 | 1.25 | 1.35 | 0.74 | 5.71 | 4.56 | 3.46 | 6.09 | 14.71 | 3.19 | 4.55 | 0.67 | 59.64 |
| 81 | 1.14 | 2.94 | 1.26 | 2.11 | 4.22 | 2.70 | 6.66 | 3.05 | 3.16 | 2.17 | 4.33 | | |
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| MEAN | 2.624 | 2.521 | 2.745 | 1.448 | 2.573 | 5.474 | 5.123 | 5.297 | 6.595 | 4.728 | 3.157 | 1.994 | 41.442 |
| S.D. | 2.032 | 1.623 | 2.337 | 1.248 | 1.875 | 3.989 | 3.145 | 2.792 | 4.657 | 3.370 | 2.488 | 1.179 | 9.618 |
| TOTAL OBS | 414 | 735 | 909 | 711 | 870 | 760 | 808 | 839 | 51 | 131 | 610 | 779 | 571 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

2

1. MONTHLY PRECIPITATION

2. SNOWFALL

3. SNOW DEPTH

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NAME

YEARS

| PRECIP. | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---------------|------------------|-------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | 01 | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | . | . | | | | | | | | | | | | | | | | |
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| MAY | . | | | | | | | | | | | | | | | | | |
| JUN | . | | | | | | | | | | | | | | 7 | | | |
| JUL | . | | | | | | | | | | | | | | 10 | | | |
| AUG | . | | | | | | | | | | | | | | 10 | | | |
| SEP | . | | | | | | | | | | | | | | 11 | | | |
| OCT | . | | | | | | | | | | | | | | 11 | | | |
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| DEC | . | | | | | | | | | | | | | | 779 | | | |
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USE WITH P. 1000N
SEE FIRST PAGE

EXTREME VALUES

53. 041

(FROM DAILY OBSERVATIONS)

STATION

RENNELLY LEACH CENTER FL
STATION NAME

57-52, 57-2

YEARS

22 FOUR INCHES IN INCHES

| MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|-------|------|------|------|------|-----|------|------|------|------|------|------|------|------------|
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NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

1

U.S. AIR FORCE
AFSC
U.S. AIR FORCE SERVICE/AFSC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

1 STATION KENNEDY SPACE CENTER FL 32-52.97-8 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|-------|------|------|------|------|------|------|------|------|------|------|------|---------------|
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| 77 | TRACE | | | | | | | | | | | | TRACE |
| 78 | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | |
| MEAN | TRACE | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE |
| S D | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| TOTAL OBS | 504 | 775 | 826 | 770 | 306 | 780 | 375 | 875 | 810 | 830 | 11 | 775 | 9681 |

NOTE: (BASED ON 1955 YEAR FULL MONTHS)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 (FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

| AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|------------------|------|-------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-----------|---|----------------------------|-----------------------------|----------|-------|
| PRECIP | NONE | TRACE | 01 | 02-05 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | . | | | | | | | | | | | | | | | | | |
| FEB | . | | | | | | | | | | | | | | | | | |
| MAR | . | | | | | | | | | | | | | | | | | |
| APR | . | | | | | | | | | | | | | | | | | |
| MAY | . | | | | | | | | | | | | | | | | | |
| JUN | . | | | | | | | | | | | | | | | | | |
| JUL | . | | | | | | | | | | | | | | | | | |
| AUG | . | | | | | | | | | | | | | | | | | |
| SEP | . | | | | | | | | | | | | | | | | | |
| OCT | . | | | | | | | | | | | | | | | | | |
| NOV | . | | | | | | | | | | | | | | | | | |
| DEC | . | | | | | | | | | | | | | | | | | |
| ANNUAL | . | | | | | | | | | | | | | | | | | |

U.S. AIR FORCE METEOROLOGICAL BRANCH
 WASHINGTON, D.C.
 AIRCRAFT SERVICE/PAO

EXTREME VALUES

(INCH DEPTH)

(FROM DAILY OBSERVATIONS)

STATION NO. 10000 SPACE CENTER FL
 STATION NAME

10-22, 51-8

YEARS

DAILY SNOW DEPTH IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|
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| TOTAL OBS. | | | | | | | | | | | | | |

NOTE: * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88 5 (OLA)
 JUL 64

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for mean and standard deviation are not available measurements from incomplete months.

OFFICIAL FORM TOLD BY FORM 10
 1. STATION
 2. STATION NAME
 3. STATION SERVICE/MAID

OFFICIAL FORM
 1. STATION
 2. STATION NAME
 3. STATION SERVICE/MAID

EXTREME VALUES

1. STATION
 2. STATION NAME
 3. STATION SERVICE/MAID

(FROM DAILY OBSERVATIONS)

1. STATION
 2. STATION NAME
 3. STATION SERVICE/MAID

1. STATION
 2. STATION NAME
 3. STATION SERVICE/MAID

1. STATION
 2. STATION NAME
 3. STATION SERVICE/MAID

DAILY YEAR AVERAGE IN KNOTS

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|------------|
| YEAR | | | | | | | | | | | | | |
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| MEAN | 33.0 | 30.0 | 30.0 | 33.0 | 33.0 | 36.0 | 34.0 | 34.0 | 30.0 | 30.0 | 30.0 | 33.0 | 47.4 |
| S.D. | 6.017 | 7.196 | 5.118 | 6.400 | 6.017 | 7.463 | 6.753 | 7.779 | 10.291 | 4.534 | 5.573 | 4.813 | 7.853 |
| TOTAL OBS. | 67 | 617 | 595 | 638 | 670 | 635 | 651 | 667 | 637 | 670 | 647 | 648 | 7879 |

NOTES: * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLA)

(BASED ON LESS THAN FULL MONTHS AND +1.0 KNOTS)

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION MACY BRANCH CENTER FL 66-70, 72-76 YEARS 66-70
STATION NAME MACY BRANCH CENTER FL CLASS CL MONTH 66-70
CONDITION CL HOURS (L.S.T.) 0000-2400

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 1.4 | 1.4 | 1.1 | | | | | | | | 1.9 | 6.6 |
| NNE | .4 | .4 | .1 | .1 | | | | | | | | 1.1 | 6.6 |
| NE | .4 | .4 | .4 | .2 | | | | | | | | 1.1 | 6.5 |
| ENE | .2 | .2 | .4 | .1 | | | | | | | | 1.1 | 4.9 |
| E | .2 | 2.0 | 1.3 | .4 | | | | | | | | 4.5 | 1.1 |
| ESE | 1.5 | 1.4 | 1.4 | .3 | | | | | | | | 1.5 | 6.3 |
| SE | 2.7 | 1.6 | 1.3 | | | | | | | | | 1.6 | 7.4 |
| SSE | .2 | 1.7 | 1.5 | | | | | | | | | 4.6 | 1.6 |
| S | 2.7 | 3.1 | 2.5 | 1.0 | .3 | .3 | | | | | | 10.8 | 6.2 |
| SSW | 1.4 | 2.2 | 1.3 | .5 | | | | | | | | 1.4 | 6.7 |
| SW | 1.4 | .8 | .6 | .1 | 1 | | | | | | | 2.1 | 4.4 |
| WSW | .3 | 1.1 | .3 | .2 | | | | | | | | 1.3 | 1.2 |
| W | 1.3 | 1.3 | 1.6 | 1.5 | .1 | | | | | | | 7.1 | 7.1 |
| WNW | 1.3 | 2.7 | 2.2 | 1.6 | .7 | | | | | | | 1.9 | .7 |
| NW | 1.8 | 4.6 | 4.0 | 1.9 | .3 | | | | | | | 13.2 | 6.9 |
| NNW | 2.6 | 3.2 | 2.9 | 2.4 | | | | | | | | 10.2 | 2.5 |
| VARBL | | | | | | | | | | | | 7.8 | |
| CALM | | | | | | | | | | | | | |
| | 26.4 | 29.5 | 23.5 | 12.6 | 1.0 | .2 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 1,711

JOINTAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION AGNARDY SPACE CENTER FL YEARS 64-72, 77-78 MONTH 7
CLASS ALL WEATHER
CONDITION _____
HOURS (L.S.T.) 7:00-19:00

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.1 | 2.2 | .0 | | | | | | | | 1.4 | 3.0 |
| NNE | .5 | .4 | .7 | | | | | | | | | 1.0 | 3.0 |
| NE | .5 | .7 | .5 | .4 | | | | | | | | 1.7 | 7.7 |
| ENE | .4 | .7 | .7 | | | | | | | | | 1.2 | 4.0 |
| E | 1.0 | .0 | 1.0 | .0 | | | | | | | | 4.2 | 3.2 |
| ESE | 1.2 | .4 | 1.1 | .2 | | | | | | | | 1.2 | 3.5 |
| SE | 1.7 | 1.2 | .6 | .2 | | | | | | | | 3.0 | 4.7 |
| SSE | .2 | 1.5 | 1.5 | .3 | | | | | | | | 4.2 | 4.2 |
| S | 1.6 | 3.1 | 1.5 | 1.2 | .7 | .1 | | | | | | 1.1 | 5.9 |
| SSW | 1.5 | 1.7 | 1.0 | .5 | | | | | | | | 4.3 | 5.5 |
| SW | 1.7 | 1.2 | .6 | .2 | | | | | | | | 3.0 | 4.5 |
| WSW | .4 | .4 | .4 | .2 | | | | | | | | 1.7 | 5.1 |
| W | 2.6 | 2.2 | .5 | 1.3 | .3 | | | | | | | 7.1 | 6.3 |
| WNW | 1.2 | 2.5 | 1.3 | 1.5 | | | | | | | | 7.2 | 6.5 |
| NW | 2.1 | 2.0 | 4.7 | 2.4 | .2 | | | | | | | 16.2 | 5.7 |
| NNW | 1.2 | 4.5 | 4.7 | 3.5 | | | | | | | | 15.2 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 24.2 | 29.7 | 22.9 | 13.1 | .9 | .1 | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS 235

U.S. AIR FORCE
 U.S. NAVY
 U.S. AIR FORCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 STATION NAME KENNEDY SPACE CENTER FL YEARS 65-70 MONTH JULY
 CLASS ALL WEATHER
 CONDITION
 HOURS (L.S.T.) 0000-2359

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.0 | 1.0 | 1.0 | .1 | | | | | | | 6.1 | 7.1 |
| NNE | .7 | .7 | .7 | .7 | | | | | | | | 4.2 | 5.4 |
| NE | .6 | .7 | .4 | .7 | | | | | | | | 1.0 | 1.6 |
| ENE | .7 | .5 | .6 | .7 | | | | | | | | 1.0 | 1.6 |
| E | 1.0 | 1.0 | .9 | .7 | | | | | | | | 3.0 | 2.5 |
| ESE | 1.1 | .4 | .6 | | | | | | | | | 1.0 | 4.7 |
| SE | 1.2 | .7 | .6 | .3 | | | | | | | | 1.0 | 1.1 |
| SSE | 1.1 | 1.0 | 1.0 | .9 | | | | | | | | 1.4 | 6.2 |
| S | 1.5 | 2.4 | 2.0 | 1.1 | | | | | | | | 1.1 | 6.4 |
| SSW | .2 | 2.0 | 1.1 | .9 | .1 | | | | | | | 1.1 | 7.0 |
| SW | 1.0 | 1.0 | .6 | .2 | | | | | | | | 1.9 | 6.6 |
| WSW | 1.7 | .4 | .2 | .6 | | | | | | | | 1.6 | 5.7 |
| W | 4.1 | 1.0 | .9 | .5 | .1 | | | | | | | 7.7 | 6.2 |
| WNW | 2.7 | 2.2 | 1.7 | 1.0 | .2 | | | | | | | 7.7 | 6.2 |
| NW | 1.6 | 4.9 | 4.0 | 2.0 | .1 | .1 | | | | | | 14.2 | 7.1 |
| NNW | 2.5 | 6.1 | 3.5 | 2.8 | | | | | | | | 16.9 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 25.1 | 31.2 | 40.8 | 13.8 | .6 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 730

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 80 STATION NAME KENNEDY SPACE CENTER FL YEARS 68-71 MONTH 6
CLASS ALL WEATHER HOURS (L.S.T.) 500-1100
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.0 | 4.0 | 1.0 | .2 | | | | | | | 1.0 | 7.8 |
| NNE | .2 | 1.1 | 1.0 | .8 | | | | | | | | 1.4 | 7.2 |
| NE | .2 | .4 | .6 | .7 | | | | | | | | 1.7 | 7.1 |
| ENE | .2 | .4 | 1.0 | | | | | | | | | 2.0 | 7.8 |
| E | .5 | 1.2 | 3.8 | .8 | | | | | | | | 6.3 | 7.7 |
| ESE | .3 | 1.0 | .9 | .3 | | | | | | | | 2.5 | 7.0 |
| SE | .2 | 1.2 | 1.5 | | | | | | | | | 3.0 | 6.9 |
| SSE | 1.1 | .6 | 2.9 | 2.3 | .1 | | | | | | | 7.6 | 3.6 |
| S | 1.0 | 1.4 | 3.5 | 2.7 | .1 | | | | | | | 4.7 | 9.0 |
| SSW | .4 | .8 | 1.6 | 1.4 | .2 | | | | | | | 4.4 | 9.0 |
| SW | .2 | 1.2 | 1.6 | .5 | | | | | | | | 4.0 | 7.9 |
| WSW | .2 | .2 | 1.4 | .4 | .2 | | | | | | | 2.0 | 8.9 |
| W | 1.2 | 2.3 | 1.4 | 1.0 | .1 | | | | | | | 5.0 | 6.8 |
| WNW | .2 | 1.8 | 2.6 | 2.2 | .2 | | | | | | | 7.6 | 8.7 |
| NW | 1.5 | 2.1 | 4.6 | 3.4 | .4 | | | | | | | 10.0 | 3.6 |
| NNW | 1.4 | 3.4 | 5.2 | 4.0 | | | | | | | | 14.6 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 11.7 | 21.5 | 52.3 | 23.2 | 1.8 | | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10005 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70, 73-74 YEARS 1969-1970 MONTH JAN
ALL WEATHER CLASS 1800-1400 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .1 | 2.2 | 3.7 | 6.7 | .1 | | | | | | | 12.4 | 10.1 |
| NNE | .3 | 1.5 | 1.6 | .6 | .1 | | | | | | | 4.8 | 7.1 |
| NE | .2 | 1.3 | 1.2 | 1.2 | | | | | | | | 4.4 | 5.1 |
| ENE | .4 | 1.6 | 1.7 | .4 | | | | | | | | 4.2 | 6.7 |
| E | .7 | 1.6 | 3.5 | 1.7 | | | | | | | | 5.5 | 7.6 |
| ESE | .3 | 1.4 | 3.1 | .4 | | | | | | | | 5.3 | 7.4 |
| SE | .1 | 1.0 | 2.5 | .9 | | | | | | | | 4.4 | 6.5 |
| SSE | .7 | .3 | 4.2 | 2.9 | .7 | | | | | | | 6.7 | 8.4 |
| S | | 1.3 | 2.9 | 3.2 | | | | | | | | 5.6 | 6.6 |
| SSW | .2 | 1.0 | 1.6 | 1.6 | .1 | | | | | | | 4.5 | 6.3 |
| SW | .2 | .5 | 1.8 | 1.4 | | | | | | | | 4.1 | 7.3 |
| WSW | .5 | .7 | 1.2 | .7 | .1 | .1 | | | | | | 3.1 | 6.5 |
| W | .5 | .6 | 2.7 | 1.6 | .4 | .4 | | | | | | 5.3 | 10.4 |
| WNW | .1 | .5 | 2.3 | 2.2 | .5 | | | | | | | 5.6 | 10.9 |
| NW | .1 | 1.0 | 2.5 | 1.7 | .1 | | | | | | | 5.4 | 7.7 |
| NNW | .2 | 1.3 | 2.3 | 6.1 | .4 | | | | | | | 11.7 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 4.7 | 14.4 | 40.1 | 32.2 | 2.9 | .5 | | | | | | 100.0 | 9.2 |

TOTAL NUMBER OF OBSERVATIONS 571

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ANNEX PAGE CENTER STATION NAME ANNEX PAGE CENTER YEARS 66-77 MONTH ALL
CLASS ALL
CONDITION ALL
HOURS (L.S.T.) 0000-1700

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 2.2 | 5.2 | 4.2 | .1 | | | | | | | 1.2 | 1.1 |
| NNE | .5 | 2.1 | 1.7 | .6 | | | | | | | | 1.4 | 1.4 |
| NE | .7 | 2.5 | 1.9 | .7 | | | | | | | | 1.5 | 1.5 |
| ENE | .2 | 3.4 | 1.5 | .7 | | | | | | | | 1.6 | 1.6 |
| E | 1.1 | 4.1 | 2.4 | .9 | | | | | | | | 2.4 | 2.4 |
| ESE | .5 | 2.9 | 2.7 | .3 | | | | | | | | 2.5 | 2.6 |
| SE | .2 | 2.6 | 4.7 | 1.0 | | | | | | | | 2.3 | 2.4 |
| SSE | .4 | 2.5 | 3.6 | 3.2 | .1 | | | | | | | 2.5 | 2.6 |
| S | .4 | .5 | 1.3 | 1.2 | .1 | | | | | | | 1.2 | 1.4 |
| SSW | .1 | .3 | .6 | 1.7 | | | | | | | | 1.4 | 1.4 |
| SW | | .7 | .2 | 1.2 | .1 | | | | | | | 1.7 | 1.6 |
| WSW | .2 | .5 | .9 | .6 | .1 | | | | | | | 1.3 | 1.3 |
| W | .2 | 1.7 | 2.6 | 2.5 | .5 | .1 | .2 | | | | | 2.2 | 1.8 |
| WNW | .6 | .4 | 2.2 | 1.8 | .2 | | | | | | | 2.4 | 1.8 |
| NW | .2 | .3 | 1.8 | 1.2 | .1 | | | | | | | 2.4 | 1.8 |
| NNW | .7 | .9 | 3.2 | 4.2 | .3 | | | | | | | 3.9 | 1.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 1.2 | 29.7 | 36.2 | 24.8 | 1.2 | .1 | .2 | | | | | 101.0 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS 22

SURFACE WINDS

CONDITION

430

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KELLEY PAC CENTER FL STATION NAME 62-75.77-21 YEARS 1960-1961 MONTH 1960-1961
CLASS ALL
CONDITION
HOURS [L.S.T.]

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.0 | 2.5 | .5 | | | | | | | | 7.1 | 6.7 |
| NNE | .5 | .5 | .5 | .4 | | | | | | | | 1.7 | 5.1 |
| NE | 1.0 | .3 | .2 | | | | | | | | | 1.5 | 5.5 |
| ENE | 1.0 | 1.0 | 1.1 | .1 | | | | | | | | 1.3 | 5.4 |
| E | 1.5 | 2.2 | 1.9 | .2 | | | | | | | | 6.2 | 5.7 |
| ESE | 2.7 | 2.0 | 1.9 | .5 | | | | | | | | 7.2 | 5.4 |
| SE | 2.0 | 2.5 | .6 | | | | | | | | | 3.2 | 4.2 |
| SSE | 1.2 | 2.3 | 2.8 | 1.0 | | | | | | | | 7.7 | 6.5 |
| S | 1.9 | 2.7 | 2.3 | 1.0 | .1 | .2 | | | | | | 1.2 | 6.4 |
| SSW | 1.2 | 1.1 | .4 | .1 | .1 | | | | | | | 1.9 | 5.1 |
| SW | .5 | .7 | .3 | .2 | | | | | | | | 1.4 | 5.2 |
| WSW | .4 | .1 | .5 | .1 | | | | | | | | 1.5 | 5.6 |
| W | 1.2 | 2.2 | 1.4 | 1.4 | .1 | | .1 | | | | | 6.2 | 7.4 |
| WNW | 1.2 | 2.5 | 3.3 | 1.9 | | | | | | | | 6.2 | 7.0 |
| NW | 2.2 | 2.5 | 2.4 | 1.4 | .2 | | | | | | | 5.5 | 7.0 |
| NNW | .9 | 4.5 | 7.0 | 1.9 | | | | | | | | 15.3 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 24.0 | 30.1 | 25.4 | 11.2 | .5 | .2 | .1 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 570

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10-80 KENNEDY SPACE CENTER FL STATION NAME 60-70, 73-80 YEARS JAN
MONTH ALL
CLASS ALL WEATHER
CONDITION ALL
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.7 | 3.2 | 2.2 | .1 | | | | | | | 3.0 | 7.9 |
| NNE | .7 | 1.0 | .7 | .3 | .7 | | | | | | | 2.9 | 6.1 |
| NE | .6 | .9 | .9 | .3 | | | | | | | | 2.6 | 6.0 |
| ENE | .7 | 1.3 | 1.0 | .2 | | | | | | | | 3.3 | 5.4 |
| E | 1.2 | 2.3 | 2.0 | .6 | | | | | | | | 6.0 | 6.2 |
| ESE | 1.2 | 1.6 | 1.6 | .3 | | | | | | | | 4.7 | 5.8 |
| SE | 1.4 | 1.8 | 1.7 | .3 | | | | | | | | 5.1 | 5.7 |
| SSE | .9 | 1.2 | 2.5 | 1.5 | .1 | | | | | | | 6.0 | 7.8 |
| S | 1.4 | 2.2 | 2.1 | 1.7 | .1 | .1 | | | | | | 7.6 | 7.4 |
| SSW | .8 | 1.2 | 1.1 | .8 | .1 | | | | | | | 4.0 | 7.2 |
| SW | .7 | .3 | .9 | .5 | .0 | | | | | | | 3.0 | 6.9 |
| WSW | .6 | .6 | .6 | .4 | .1 | .1 | | | | | | 2.3 | 7.1 |
| W | 1.6 | 1.9 | 1.6 | 1.5 | .2 | .1 | .1 | | | | | 6.9 | 7.7 |
| WNW | 1.3 | 1.8 | 2.2 | 1.7 | .2 | | | | | | | 7.2 | 7.9 |
| NW | 1.7 | 2.8 | 3.2 | 2.0 | .2 | .0 | | | | | | 9.8 | 7.4 |
| NNW | 2.0 | 3.6 | 3.7 | 3.5 | .1 | | | | | | | 12.9 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.0 | |
| | 18.2 | 27.8 | 29.0 | 17.6 | 1.3 | .2 | .0 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 7445

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1982 STATION MCNEEDY SPACE CENTER FL STATION NAME 69-7477-0 YEARS 1982-1983 MONTH SEP-1983
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.3 | 1.3 | 1.4 | | | | | | | | 7.7 | 5.7 |
| NNE | 1.5 | .9 | .2 | .4 | | | | | | | | 2.7 | 4.4 |
| NE | .7 | .1 | | .1 | | | | | | | | .9 | 5.1 |
| ENE | .7 | .4 | .4 | | | | | | | | | .9 | 5.3 |
| E | 1.1 | 1.1 | .4 | .6 | | | | | | | | 3.1 | 5.7 |
| ESE | .8 | .9 | .9 | .4 | | | | | | | | 3.1 | 5.9 |
| SE | 1.2 | 1.1 | .6 | .2 | .1 | | | | | | | 3.2 | 5.9 |
| SSE | .7 | 1.3 | 1.5 | .7 | .5 | | | | | | | 4.5 | 7.4 |
| S | 2.5 | 4.3 | 1.9 | .9 | .1 | | | | | | | 9.7 | 6.9 |
| SSW | 2.6 | 1.2 | .8 | .2 | | | | | | | | 4.5 | 4.5 |
| SW | 1.3 | 2.7 | .7 | | | | | | | | | 4.7 | 4.7 |
| WSW | 1.7 | 1.7 | 1.1 | .5 | | | | | | | | 4.7 | 5.7 |
| W | 2.6 | 5.6 | 2.3 | 1.1 | .1 | | | | | | | 13.2 | 5.1 |
| WNW | 1.8 | 4.3 | 1.9 | 1.4 | | .1 | | | | | | 9.5 | 5.3 |
| NW | 1.1 | 3.4 | 4.4 | 2.7 | .1 | | | | | | | 14.3 | 7.2 |
| NNW | 1.7 | 3.3 | 1.9 | 1.2 | | | | | | | | 7.6 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 23.6 | 36.4 | 21.6 | 11.3 | .9 | .1 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 546

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WFOETAC
 AIR WEATHER SERVICE/WHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-46 KENNEDY SPACE CENTER FL STATION NAME 60-75,77-79 YEARS 60 MONTH 07,08-1960
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 1.5 | 1.7 | .5 | | | | | | | | 1.5 | 3.5 |
| NNE | .2 | .4 | .1 | .2 | | | | | | | | .9 | 2.4 |
| NE | .1 | .4 | .2 | .1 | | | | | | | | 1.3 | 5.7 |
| ENE | .6 | .5 | .5 | | | | | | | | | 1.5 | 4.8 |
| E | 1.2 | 1.7 | .6 | .2 | | | | | | | | 3.7 | 4.9 |
| ESE | .5 | .6 | .5 | .2 | .1 | | | | | | | 1.9 | 7.2 |
| SE | .2 | .9 | .4 | .1 | | | | | | | | 2.2 | 4.9 |
| SSE | .6 | .6 | .2 | .7 | .1 | | | | | | | 2.1 | 3.4 |
| S | 1.5 | 2.2 | 3.1 | .9 | .1 | | | | | | | 7.8 | 9.6 |
| SSW | 2.2 | 1.9 | .7 | .5 | | | | | | | | 3.3 | 5.0 |
| SW | 1.4 | 2.1 | .6 | .1 | | | | | | | | 4.3 | 4.9 |
| WSW | 1.2 | 2.6 | .9 | .2 | .1 | | | | | | | 5.8 | 5.1 |
| W | 2.7 | 5.2 | 1.7 | .4 | | | | | | | | 5.9 | 5.1 |
| WNW | 3.2 | 4.8 | 1.8 | 1.3 | .5 | | | | | | | 12.3 | 5.9 |
| NW | 3.3 | 6.7 | 4.3 | 2.5 | .1 | | | | | | | 17.5 | 6.9 |
| NNW | 1.5 | 5.7 | 3.0 | 1.5 | | | | | | | | 11.7 | 8.7 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.8 | |
| | 24.8 | 38.3 | 21.3 | 9.7 | 1.1 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 346

GEORGE WASHINGTON UNIVERSITY
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 60-70.71-50 YEARS 1960-1960 MONTH FEB
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1960-0000
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 3.4 | 1.4 | 1.7 | .2 | | | | | | | 6.8 | 3.1 |
| NNE | .4 | .5 | .1 | .1 | | | | | | | | 1.1 | 3.1 |
| NE | .5 | .5 | | .4 | | | | | | | | 1.3 | 6.1 |
| ENE | .7 | .7 | .7 | | | | | | | | | 4.1 | 5.2 |
| E | 1.2 | 1.2 | .6 | | | | | | | | | 2.5 | 4.2 |
| ESE | .4 | .3 | .5 | .5 | .1 | | | | | | | 2.2 | 7.9 |
| SE | .7 | .5 | .2 | .1 | | | | | | | | 2.4 | 5.7 |
| SSE | .6 | .5 | .9 | | | | | | | | | 2.0 | 5.2 |
| S | .2 | 2.1 | 2.5 | 1.5 | | | | | | | | 7.3 | 7.9 |
| SSW | 1.7 | 1.4 | 1.4 | .4 | | | | | | | | 4.0 | 5.9 |
| SW | 1.5 | 1.7 | 1.5 | .2 | | | | | | | | 5.0 | 5.4 |
| WSW | 1.5 | 1.4 | .8 | | | | | | | | | 3.2 | 4.6 |
| W | 3.5 | 2.4 | 1.2 | .6 | .2 | | | | | | | 7.7 | 5.2 |
| WNW | 1.1 | 3.9 | 1.9 | 1.3 | | | | | | | | 15.2 | 5.5 |
| NW | 2.6 | 8.5 | 5.2 | 3.9 | | | | | | | | 21.7 | 7.6 |
| NNW | 2.0 | 3.2 | 3.7 | 1.7 | .1 | | | | | | | 11.9 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 24.2 | 33.1 | 24.1 | 12.2 | .7 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 346

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: KENNEDY SPACE CENTER FL
 YEARS: 67-70, 72-73
 MONTH: 1-12
 CLASS: ALL WEATHER
 CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | 1.8 | 4.5 | 5.7 | .1 | | | | | | | 12.2 | 1.2 |
| NNE | .1 | .1 | 1.1 | .5 | .1 | | | | | | | 3.3 | 0.9 |
| NE | .1 | .1 | .1 | .1 | | | | | | | | 1.4 | 0.1 |
| ENE | 1.2 | .4 | 1.1 | .7 | | | | | | | | 2.1 | 0.7 |
| E | .1 | .1 | 1.2 | .7 | | | | | | | | 1.2 | 1.4 |
| ESE | .4 | .1 | .1 | .1 | | | | | | | | 2.7 | 0.6 |
| SE | .1 | .1 | 1.4 | 1.2 | .4 | | | | | | | 3.7 | 0.8 |
| SSE | .1 | .1 | 1.2 | 1.2 | | | | | | | | 2.1 | 1.5 |
| S | .4 | .1 | 2.6 | 1.4 | | .1 | | | | | | 7.3 | 1.1 |
| SSW | .1 | 1.4 | 1.7 | 1.4 | .1 | | | | | | | 4.7 | 0.2 |
| SW | .1 | 1.2 | 2.4 | 1.5 | | | | | | | | 5.2 | 0.8 |
| WSW | .1 | 1.1 | 1.1 | .1 | | | | | | | | 3.6 | 0.5 |
| W | .1 | 2.1 | 1.5 | .1 | .4 | .1 | | | | | | 6.1 | 0.6 |
| WNW | .1 | 1.1 | 2.1 | 2.5 | .7 | | | | | | | 7.2 | 0.9 |
| NW | .1 | 1.1 | 4.7 | 4.8 | | | | | | | | 13.2 | 0.9 |
| NNW | .1 | 1.1 | 5.7 | 4.3 | .7 | | | | | | | 14.5 | 0.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 3.7 | 21.6 | 33.2 | 29.9 | 2.5 | .2 | | | | | | 100.0 | 0.6 |

TOTAL NUMBER OF OBSERVATIONS 346

U.S. AIR FORCE
CLIMATE BRANCH
AFWPC/WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-30 STATION ROONEY SPACE CENTER FL 67-70, 73-75 YEARS 70 MONTH 1970-1971 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .7 | 1.0 | 2.0 | 1.6 | 1.5 | | | | | | | 1.7 | 10.5 |
| NNE | | 1.2 | 2.4 | 1.7 | .1 | | | | | | | 2.3 | 9.5 |
| NE | .4 | 1.1 | 1.7 | | | | | | | | | 2.2 | 9.3 |
| ENE | .1 | 2.1 | 1.2 | | | | | | | | | 1.4 | 8.8 |
| E | .6 | .2 | 2.0 | .2 | | | | | | | | 2.7 | 8.0 |
| ESE | .1 | .4 | 2.6 | .2 | | | | | | | | 4.1 | 7.9 |
| SE | .1 | .3 | 1.2 | 1.4 | .1 | | | | | | | 2.7 | 10.2 |
| SSE | .2 | 1.3 | 2.7 | 3.1 | .6 | | | | | | | 7.9 | 10.2 |
| S | .4 | .9 | 1.2 | 3.0 | .4 | | | | | | | 6.5 | 10.2 |
| SSW | | .4 | 1.3 | 1.1 | .7 | | | | | | | 2.4 | 11.6 |
| SW | .4 | .3 | 2.0 | 2.4 | | | | | | | | 2.6 | 7.4 |
| WSW | .1 | 1.1 | 1.9 | 1.2 | .4 | | | | | | | 4.6 | 7.4 |
| W | .2 | 1.4 | 2.0 | 2.5 | .1 | | | | | | | 5.3 | 5.4 |
| WNW | .4 | .3 | 3.5 | 1.5 | .4 | .1 | | | | | | 2.7 | 5.5 |
| NW | .5 | .7 | 1.5 | 1.2 | .2 | | | | | | | 4.1 | 7.4 |
| NNW | .5 | .7 | 2.0 | 5.1 | 1.1 | | | | | | | 6.3 | 11.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 4.5 | 16.1 | 33.5 | 34.4 | 5.6 | .1 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 46

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATLANTA, GEORGIA

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION NAME: KENNEDY SPACE CENTER FL YEARS: 69-70, 71-72 MONTH: 7-12
CLASS: ALL WEATHER HOURS (L.S.T.):
CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .1 | 2.1 | 3.1 | 3.2 | 1.1 | | | | | | | 1.4 | 1.0 |
| NNE | .8 | 2.7 | 3.5 | 1.2 | .1 | | | | | | | 2.0 | 7.7 |
| NE | 1.2 | 2.4 | 1.2 | | | | | | | | | 4.8 | 5.1 |
| ENE | .5 | 1.2 | .9 | .1 | | | | | | | | 3.7 | 5.1 |
| E | .6 | 3.4 | 2.0 | .4 | | | | | | | | 7.2 | 5.4 |
| ESE | .1 | 3.3 | 2.3 | .6 | | | | | | | | 6.1 | 7.3 |
| SE | .4 | 1.2 | 3.9 | 1.1 | | | | | | | | 1.5 | 5.1 |
| SSE | .4 | 1.4 | 2.1 | 2.5 | .7 | | | | | | | 1.6 | 5.7 |
| S | .4 | .8 | 1.4 | 2.2 | .1 | .1 | | | | | | 1.4 | 5.4 |
| SSW | | .7 | .7 | .9 | .1 | | | | | | | 1.1 | 10.6 |
| SW | | .7 | 2.8 | 2.1 | .2 | | | | | | | 5.9 | 7.6 |
| WSW | .1 | .4 | .8 | .9 | .4 | | | | | | | 2.7 | 10.1 |
| W | .2 | 1.1 | 2.4 | 1.1 | .1 | | | | | | | 6.9 | 10.6 |
| WNW | .1 | .2 | 1.5 | 1.7 | .2 | | | | | | | 4.1 | 5.6 |
| NW | .2 | .5 | 1.1 | 1.3 | | | | | | | | 3.1 | 5.4 |
| NNW | .1 | .9 | 1.4 | 4.4 | .6 | | | | | | | 7.4 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 5.6 | 22.9 | 34.3 | 30.3 | 3.2 | .1 | | | | | | 101.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ADN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-30 STATION WANNY SPACE CENTER FL STATION NAME 03-70.72-00 YEARS 1950-1951 MONTH 01
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 0000-2300

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 2.7 | 4.2 | 5.4 | 3.3 | | | | | | | | 10.3 | 7.1 |
| NNE | 2.4 | 1.5 | .8 | .1 | | | | | | | | 4.3 | 4.2 |
| NE | 1.2 | 1.7 | .5 | | | | | | | | | 2.2 | 4.0 |
| ENE | 1.7 | .7 | .6 | | | | | | | | | 2.0 | 4.4 |
| E | 1.4 | 2.2 | .9 | | | | | | | | | 5.1 | 4.7 |
| ESE | 2.4 | 1.4 | .8 | .1 | | | | | | | | 5.2 | 4.1 |
| SE | 1.9 | 2.0 | 2.4 | .7 | | | | | | | | 7.8 | 6.0 |
| SSE | 1.5 | 3.7 | 3.7 | 2.2 | | | | | | | | 16.4 | 7.7 |
| S | .0 | 2.2 | .7 | .5 | | | | | | | | 4.4 | 6.7 |
| SSW | .0 | .7 | .6 | .4 | | | | | | | | 2.0 | 6.0 |
| SW | .7 | .4 | .7 | .2 | | | | | | | | 1.3 | 7.5 |
| WSW | .1 | .5 | 1.3 | 1.1 | .1 | | | | | | | 4.1 | 7.3 |
| W | .2 | 1.2 | 1.3 | 1.4 | .1 | | | | | | | 4.2 | 7.8 |
| WNW | .1 | 1.2 | 1.1 | 1.1 | .1 | | | | | | | 3.5 | 6.8 |
| NW | .2 | 1.5 | 1.5 | .9 | | | | | | | | 4.3 | 7.6 |
| NNW | .5 | 4.1 | 3.4 | 2.4 | .2 | | | | | | | 11.0 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.3 | |
| | 21.3 | 32.7 | 26.7 | 14.4 | .6 | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 540

U.S. AIR CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 KENNEDY SPACE CENTER FL STATION NAME 69-70, 71-72 YEARS 1969-1970 MONTH 11-12
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 3.5 | 2.4 | 1.2 | | | | | | | | 10.8 | 5.2 |
| NNE | 1.2 | .9 | .5 | .2 | | | | | | | | 2.8 | 3.4 |
| NE | .5 | .5 | .7 | .1 | | | | | | | | 1.9 | 3.3 |
| ENE | .5 | .1 | .1 | .1 | | | | | | | | 1.2 | 4.3 |
| E | 1.3 | .8 | .7 | .6 | | | | | | | | 3.4 | 5.9 |
| ESE | 1.3 | 1.1 | .9 | .1 | | | | | | | | 3.4 | 5.3 |
| SE | 1.2 | 1.3 | .9 | .5 | .2 | | | | | | | 4.1 | 5.7 |
| SSE | 2.0 | 4.1 | 2.2 | 1.2 | | | | | | | | 11.5 | 6.7 |
| S | 2.4 | 3.8 | 2.1 | .9 | | | | | | | | 6.2 | 5.9 |
| SSW | 1.1 | 1.2 | .6 | .1 | | | | | | | | 3.0 | 4.8 |
| SW | 1.3 | 1.4 | .5 | | | | | | | | | 2.7 | 4.9 |
| WSW | 1.1 | 1.7 | 1.2 | .5 | | | | | | | | 4.4 | 6.2 |
| W | 2.2 | 3.1 | 2.3 | 2.2 | .2 | | | | | | | 11.1 | 7.2 |
| WNW | 1.1 | 2.0 | 1.7 | .6 | | | | | | | | 5.3 | 6.4 |
| NW | 1.5 | 4.3 | 2.5 | 1.5 | | | | | | | | 9.3 | 6.2 |
| NNW | 2.6 | 3.2 | 1.9 | 1.9 | .1 | | | | | | | 9.7 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 24.0 | 33.1 | 23.2 | 11.8 | .6 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 540

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION RENNEL SPACE CENTER FL STATION NAME RENNEL SPACE CENTER FL YEARS 67-70, 72-74 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .0 | 2.0 | 3.9 | 7.9 | .4 | | | | | | | 1.0 | 6.6 |
| NNE | .0 | 1.1 | 1.2 | .5 | .7 | | | | | | | 1.0 | 6.7 |
| NE | .0 | 1.1 | .6 | .1 | | | | | | | | 1.3 | 6.6 |
| ENE | .7 | .3 | .7 | .1 | | | | | | | | 2.3 | 6.3 |
| E | 1.1 | 1.4 | 1.2 | .4 | | | | | | | | 4.1 | 6.9 |
| ESE | .7 | 1.1 | 1.3 | .4 | .7 | | | | | | | 3.7 | 6.6 |
| SE | .5 | 1.7 | 1.5 | .7 | .1 | | | | | | | 4.2 | 7.3 |
| SSE | .0 | 1.0 | 1.9 | 1.4 | .2 | | | | | | | 5.9 | 6.1 |
| S | 1.2 | 2.1 | 2.0 | 1.6 | .1 | .7 | | | | | | 7.0 | 7.6 |
| SSW | 1.7 | 1.1 | 1.0 | .6 | .1 | | | | | | | 3.0 | 6.9 |
| SW | .0 | 1.4 | 1.5 | .8 | .7 | | | | | | | 4.5 | 7.1 |
| WSW | .9 | 1.4 | 1.3 | .7 | .1 | | | | | | | 4.4 | 7.2 |
| W | 1.5 | 2.9 | 2.1 | 1.5 | .2 | .0 | | | | | | 8.3 | 7.2 |
| WNW | 1.4 | 2.5 | 1.9 | 1.4 | .2 | .7 | | | | | | 7.4 | 7.3 |
| NW | 2.3 | 3.0 | 3.2 | 2.3 | .1 | | | | | | | 10.4 | 7.4 |
| NNW | 1.3 | 3.1 | 2.9 | 2.8 | .4 | | | | | | | 10.4 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.3 | |
| | 17.1 | 29.2 | 28.2 | 19.3 | 1.9 | .1 | | | | | | 116.2 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11-80 KENNEDY SPACE CENTER FL STATION NAME 69-70.77-11 YEARS 1969-1970 MONTH 000-1200
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|--------------------|
| N | 1.4 | 1.7 | 1.2 | .1 | | | | | | | | 1.2 | 5.7 |
| NNE | 1.2 | .6 | .4 | | | | | | | | | 1.3 | 4.4 |
| NE | .3 | .5 | .1 | | | | | | | | | 1.2 | 4.5 |
| ENE | 1.5 | .9 | .6 | | | | | | | | | 1.2 | 4.5 |
| E | 1.6 | 2.3 | 1.7 | .5 | | | | | | | | 5.7 | 5.6 |
| ESE | 1.7 | 1.4 | 1.7 | .1 | | | | | | | | 7.0 | 5.2 |
| SE | 2.3 | 5.2 | 1.2 | .2 | | | | | | | | 11.4 | 5.9 |
| SSE | 2.4 | 3.6 | 2.4 | .6 | | | | | | | | 5.9 | 5.7 |
| S | 2.7 | 4.4 | 2.9 | 1.4 | .1 | .1 | | | | | | 11.1 | 6.5 |
| SSW | 1.5 | 1.9 | 1.5 | .3 | | | | | | | | 5.5 | 5.7 |
| SW | 1.6 | 1.5 | 1.1 | .1 | | .1 | | | | | | 4.7 | 5.7 |
| WSW | 1.5 | 1.7 | 1.3 | .4 | | | | | | | | 4.2 | 5.6 |
| W | 1.5 | 2.4 | 1.6 | 1.3 | .3 | | | | | | | 9.6 | 7.3 |
| WNW | .4 | 1.3 | 1.8 | .7 | | | | | | | | 3.3 | 5.5 |
| NW | .9 | 1.5 | 1.3 | 1.0 | | | | | | | | 4.6 | 7.1 |
| NNW | 1.3 | 1.7 | 1.1 | .2 | .1 | .1 | | | | | | 4.5 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 23.4 | 35.7 | 26.4 | 7.4 | .5 | .3 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/LMAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 66-7473-21 YEARS 300-360
MONTH 300-360
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.3 | 1.1 | .5 | | | | | | | | 4.0 | 2.2 |
| NNE | 1.7 | .4 | .4 | | | | | | | | | 4.0 | 4.1 |
| NE | .5 | .4 | .1 | | | | | | | | | 1.1 | 3.6 |
| ENE | 1.0 | 1.3 | .5 | | | | | | | | | 3.8 | 4.7 |
| E | 1.4 | 2.9 | 1.4 | .4 | | | | | | | | 6.0 | 5.6 |
| ESE | 1.5 | 3.1 | .9 | .4 | | | | | | | | 5.6 | 5.4 |
| SE | 1.5 | 3.5 | 2.2 | .3 | | | | | | | | 7.7 | 5.6 |
| SSE | 2.0 | 3.2 | 1.5 | .5 | | | | | | | | 7.7 | 5.5 |
| S | 2.5 | 3.3 | 1.5 | 1.7 | .5 | .7 | | | | | | 15.0 | 5.4 |
| SSW | 1.3 | 2.2 | 1.2 | 1.3 | .1 | | | | | | | 7.3 | 5.9 |
| SW | 1.3 | 2.1 | 1.1 | .5 | | | | | | | | 5.3 | 5.6 |
| WSW | 1.9 | 1.3 | .9 | .4 | .1 | .1 | | | | | | 5.4 | 5.5 |
| W | 2.2 | 2.9 | 1.3 | .4 | .1 | | | | | | | 6.7 | 5.5 |
| WNW | 1.9 | 2.9 | 1.7 | .3 | .1 | | | | | | | 7.2 | 4.7 |
| NW | 2.2 | 2.9 | 1.9 | 1.5 | .1 | | | | | | | 5.4 | 5.5 |
| NNW | 1.1 | 2.4 | .6 | .4 | .1 | | | | | | | 4.6 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 27.6 | 37.4 | 18.4 | 8.5 | .5 | .3 | | | | | | 106.2 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-80 STATION KENNEDY SPACE CENTER FL 65-72, 73-80 YEARS
STATION NAME CLASS ALL WEATHER MONTH MAY
HOURS (L.S.T.) 000-1000
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 1.2 | 1.5 | .8 | .1 | | | | | | | 5.2 | 2.2 |
| NNE | .6 | .5 | .7 | | | | | | | | | .6 | 4.3 |
| NE | 1.2 | .2 | | .1 | | | | | | | | 1.9 | 3.6 |
| ENE | .4 | 1.5 | .2 | .3 | | | | | | | | 2.5 | 5.6 |
| E | 1.2 | 1.6 | 1.5 | .5 | | | | | | | | 4.9 | 6.5 |
| ESE | 1.3 | 2.3 | 1.7 | | | | | | | | | 1.4 | 5.1 |
| SE | 1.7 | 2.7 | 1.6 | .6 | | | | | | | | 4.3 | 5.8 |
| SSE | 1.2 | 2.2 | 1.7 | 1.1 | | | | | | | | 1.1 | 6.3 |
| S | 2.9 | 3.7 | 1.1 | 1.6 | .1 | | | | | | | 11.3 | 6.5 |
| SSW | 1.9 | 1.9 | 1.7 | 1.4 | | | | | | | | 6.6 | 6.7 |
| SW | 1.7 | 2.7 | 1.1 | .9 | | | | | | | | 5.2 | 6.3 |
| WSW | 1.6 | 1.7 | .2 | .1 | | | | | | | | 3.7 | 4.3 |
| W | 1.5 | 2.4 | 1.7 | .8 | .1 | .1 | | | | | | 6.4 | 6.2 |
| WNW | 1.2 | 1.4 | .9 | .4 | | | | | | | | 3.9 | 5.7 |
| NW | 2.5 | 4.4 | 2.8 | 1.5 | | | | | | | | 11.2 | 6.5 |
| NNW | 2.4 | 2.3 | 1.7 | .4 | | | | | | | | 6.2 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.5 | |
| | 2.2 | 33.5 | 20.7 | 10.6 | .3 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1496 KENNEDY SPACE CENTER FL 69-7 77-8 VA
STATION NAME YEARS MONTH
CLASS ALL WEATHER
HOURS (L.S.T.) 1969-1969
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.7 | 2.2 | 4.2 | | | | | | | | 7.7 | 7.8 |
| NNE | .2 | 1.4 | 1.3 | .8 | | | | | | | | 2.7 | 7.3 |
| NE | .4 | 1.1 | 1.3 | .5 | | | | | | | | 3.3 | 7.1 |
| ENE | .5 | 1.0 | .8 | 1.2 | | | | | | | | 2.4 | 8.0 |
| E | .3 | 1.2 | 3.3 | 1.8 | | | | | | | | 7.3 | 8.3 |
| ESE | .4 | 1.6 | 3.9 | 1.4 | | | | | | | | 7.3 | 8.1 |
| SE | .3 | .9 | 2.3 | 1.7 | .1 | | | | | | | 5.8 | 9.1 |
| SSE | .4 | 1.5 | 2.6 | 3.7 | .2 | .1 | | | | | | 2.2 | 10.0 |
| S | .1 | 1.7 | 6.1 | 4.7 | .1 | | | | | | | 12.6 | 9.8 |
| SSW | .5 | .6 | 2.7 | 7.1 | .2 | | | | | | | 7.2 | 10.3 |
| SW | .1 | 1.0 | 2.0 | 2.2 | .5 | | | | | | | 5.0 | 10.1 |
| WSW | .1 | .3 | 1.7 | 1.2 | | | | | | | | 3.8 | 8.8 |
| W | .9 | .2 | 1.5 | 1.5 | .2 | .1 | | | | | | 4.9 | 9.7 |
| WNW | .4 | 1.0 | .8 | 1.1 | | | | | | | | 2.2 | 8.4 |
| NW | .3 | 1.1 | 1.3 | 2.4 | .1 | | | | | | | 5.2 | 9.4 |
| NNW | .4 | 1.4 | 3.8 | 1.9 | | | | | | | | 8.0 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 5.8 | 18.7 | 32.0 | 33.3 | 1.6 | .2 | | | | | | 100.0 | 9.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17-59 STATION KENNEDY SPACE CENTER FL STATION NAME 60-70, 73-80 YEARS 12-59 MONTH 12-59-1400
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | | .6 | 4.1 | 6.1 | | | | | | | | 10.9 | 10.7 |
| NNE | .1 | 1.7 | 4.6 | 1.7 | | | | | | | | 3.2 | 8.7 |
| NE | | 1.5 | 2.8 | .2 | .1 | | | | | | | 4.6 | 8.6 |
| ENE | .3 | .4 | 2.4 | 1.1 | | | | | | | | 4.5 | 8.9 |
| E | .2 | 2.2 | 3.1 | 2.6 | | | | | | | | 8.1 | 6.7 |
| ESE | | 1.7 | 3.1 | 1.7 | | | | | | | | 5.2 | 9.2 |
| SE | | 1.7 | 4.1 | 3.4 | | | | | | | | 7.2 | 4.5 |
| SSE | .1 | 1.2 | 5.7 | 3.9 | 1.1 | | | | | | | 17.4 | 11.3 |
| S | .1 | 1.2 | 3.0 | 2.8 | .1 | | | | | | | 7.3 | 9.6 |
| SSW | .2 | .4 | .6 | 1.6 | .4 | | | | | | | 3.3 | 11.6 |
| SW | .1 | .1 | .8 | 3.4 | .2 | | | | | | | 4.6 | 12.4 |
| WSW | | .1 | 1.7 | 2.5 | .2 | | | | | | | 3.7 | 12.2 |
| W | .1 | .4 | 1.6 | 1.1 | 1.1 | .2 | | | | | | 4.3 | 11.8 |
| WNW | | | 1.4 | 1.2 | .2 | | .1 | | | | | 6.2 | 11.9 |
| NW | | .4 | 1.1 | .6 | | | | | | | | 2.2 | 9.1 |
| NNW | .1 | .5 | .8 | 1.2 | | | | | | | | 2.6 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | 1.4 | 14.3 | 40.1 | 40.2 | 3.5 | .2 | .1 | | | | | 100.0 | 10.2 |

TOTAL NUMBER OF OBSERVATIONS 1200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10080 KENNEDY SPACE CENTER FL STATION NAME 62-70.73-30 YEARS 1A
CLASS ALL WEATHER MONTH 1968-1970
CONDITION 1600-1700 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .4 | 3.1 | 4.8 | .3 | | | | | | | 5.9 | 10.7 |
| NNE | .4 | 1.2 | 4.1 | 1.6 | .2 | | | | | | | 7.4 | 9.0 |
| NE | .4 | 2.4 | 2.3 | .2 | | | | | | | | 5.6 | 6.6 |
| ENE | .4 | 1.1 | 1.9 | 1.7 | | | | | | | | 5.2 | 6.6 |
| E | .3 | 3.7 | 6.7 | 1.6 | | | | | | | | 12.3 | 7.9 |
| ESE | .3 | 2.5 | 6.3 | 2.7 | | | | | | | | 11.2 | 8.3 |
| SE | .1 | 1.6 | 5.1 | 4.2 | | | | | | | | 11.0 | 9.7 |
| SSE | .1 | .3 | 5.2 | 9.2 | 1.7 | | | | | | | 16.7 | 11.5 |
| S | | .3 | 1.2 | 1.7 | | | | | | | | 3.2 | 10.4 |
| SSW | | | .7 | .4 | .3 | | | | | | | 1.3 | 13.4 |
| SW | .1 | .1 | .8 | 2.2 | | | | | | | | 3.1 | 12.2 |
| WSW | | .2 | 1.1 | 1.6 | 1.7 | | | | | | | 3.9 | 13.3 |
| W | .2 | .4 | 1.7 | 2.5 | 1.1 | .4 | | | | | | 5.3 | 12.9 |
| WNW | | .2 | .9 | .3 | | .2 | | | | | | 1.6 | 11.3 |
| NW | | | .2 | .1 | | | | | | | | .3 | 9.7 |
| NNW | .1 | .4 | .3 | .4 | | | | | | | | 1.3 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 2.8 | 15.4 | 41.4 | 34.5 | 4.2 | .6 | | | | | | 100.0 | 9.8 |

TOTAL NUMBER OF OBSERVATIONS 971

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11-86 KENNEDY SPACE CENTER FL STATION NAME 69-72.72-10 YEARS 1960-1961 MONTH 1960-1961
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 3.1 | 3.5 | 1.5 | .7 | | | | | | | 3.1 | 7.6 |
| NNE | .5 | 2.2 | 1.1 | .3 | | | | | | | | 4.1 | 6.1 |
| NE | 1.8 | 1.8 | .5 | | | | | | | | | 4.2 | 4.2 |
| ENE | 1.1 | .9 | .9 | .8 | .1 | | | | | | | 3.5 | 7.1 |
| E | 3.3 | 5.4 | 2.3 | .1 | | | | | | | | 11.1 | 4.5 |
| ESE | 2.4 | 4.3 | 3.8 | .2 | | | | | | | | 11.2 | 5.4 |
| SE | 1.6 | 4.2 | 4.3 | 1.7 | | | | | | | | 11.8 | 6.8 |
| SSE | 1.7 | 2.8 | 8.1 | 4.7 | .5 | | | | | | | 15.3 | 5.9 |
| S | .6 | 2.7 | 2.9 | 1.7 | | | | | | | | 6.6 | 7.4 |
| SSW | .4 | .4 | .8 | .1 | | | | | | | | 1.7 | 6.4 |
| SW | | .4 | .8 | .9 | | | | | | | | 1.7 | 9.2 |
| WSW | .1 | .4 | 2.7 | 1.5 | .1 | | | | | | | 4.6 | 11.2 |
| W | .1 | 1.1 | 2.3 | 2.8 | .7 | | | | | | | 5.9 | 12.3 |
| WNW | .7 | .3 | .2 | .2 | .1 | .1 | | | | | | 1.2 | 5.9 |
| NW | .1 | | .2 | .1 | .1 | | | | | | | .5 | 11.5 |
| NNW | .5 | 1.7 | .8 | .1 | | | | | | | | 2.2 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 14.3 | 30.6 | 34.3 | 15.2 | 1.5 | .1 | | | | | | 120.5 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12-84 STATION NAME KENNEDY SPACE CENTER FL YEARS 69-70, 73-80 MONTH 11
CLASS ALL WEATHER HOURS (L.S.T.) 0-23
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 1.7 | 1.2 | .4 | | | | | | | | 6.4 | 5.3 |
| NNE | 1.6 | 1.1 | 1.2 | .1 | | | | | | | | 4.0 | 5.1 |
| NE | .8 | 1.3 | .2 | | | | | | | | | 2.3 | 4.2 |
| ENE | 1.7 | .7 | .1 | .1 | | | | | | | | 2.0 | 4.3 |
| E | 1.9 | 2.8 | 1.7 | .5 | | | | | | | | 7.0 | 5.5 |
| ESE | 2.7 | 3.5 | 3.1 | .5 | | | | | | | | 10.2 | 5.8 |
| SE | 2.6 | 3.1 | 2.7 | 1.0 | | | | | | | | 9.4 | 6.0 |
| SSE | 2.4 | 4.1 | 3.5 | 1.5 | .1 | | | | | | | 11.0 | 6.7 |
| S | 1.7 | 3.2 | 5.3 | 1.4 | | | | | | | | 11.6 | 7.3 |
| SSW | .5 | 1.3 | .9 | .6 | | | | | | | | 3.7 | 6.6 |
| SW | .1 | 1.5 | .9 | .2 | | | | | | | | 2.0 | 6.0 |
| WSW | .9 | 1.2 | 1.8 | 1.1 | | | | | | | | 5.6 | 7.2 |
| W | .5 | 2.4 | 3.5 | 2.4 | | | | | | | | 5.8 | 5.2 |
| WNW | .3 | 1.1 | 1.3 | .3 | .1 | | | | | | | 2.0 | 7.7 |
| NW | .4 | 1.7 | .1 | | .2 | .1 | | | | | | 1.9 | 7.8 |
| NNW | .0 | 2.7 | .4 | .1 | | | | | | | | 3.4 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 21.0 | 33.4 | 24.5 | 12.3 | .5 | .1 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WANNY SPACE CENTER FL STATION NAME WANNY SPACE CENTER FL YEARS 68-70, 77-90 MONTH ALL

CLASS ALL WEATHER

CONDITION ALL

HOURS (L.S.T.) ALL

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.0 | 2.5 | 2.3 | .1 | | | | | | | 7.6 | 5.3 |
| NNE | .5 | 1.2 | 1.7 | .6 | .0 | | | | | | | 4.3 | 7.0 |
| NE | .7 | 1.2 | 1.6 | .1 | .0 | | | | | | | 3.1 | 5.9 |
| ENE | .6 | 1.0 | 1.0 | .6 | .0 | | | | | | | 3.4 | 6.9 |
| E | 1.3 | 2.3 | 2.7 | 1.0 | | | | | | | | 7.8 | 5.7 |
| ESE | 1.4 | 2.9 | 3.1 | .8 | | | | | | | | 6.1 | 5.6 |
| SE | 1.3 | 2.6 | 3.2 | 1.7 | .0 | | | | | | | 6.1 | 7.3 |
| SSE | 1.2 | 2.4 | 3.2 | 3.7 | .4 | .0 | | | | | | 11.5 | 5.9 |
| S | 1.4 | 2.6 | 3.3 | 2.5 | .1 | .0 | | | | | | 9.4 | 7.7 |
| SSW | .2 | 1.1 | 1.2 | 1.2 | .1 | | | | | | | 4.6 | 6.0 |
| SW | .5 | 1.2 | 1.0 | 1.3 | .1 | .0 | | | | | | 4.1 | 5.4 |
| WSW | .4 | 1.0 | 1.3 | 1.1 | .2 | .0 | | | | | | 4.3 | 5.3 |
| W | .9 | 1.7 | 2.1 | 1.5 | .4 | .1 | | | | | | 6.7 | 6.7 |
| WNW | .7 | 1.0 | 1.0 | .5 | .1 | .0 | .0 | | | | | 2.4 | 7.3 |
| NW | .3 | 1.4 | 1.1 | .9 | .1 | .2 | | | | | | 4.3 | 7.3 |
| NNW | .9 | 1.5 | 1.2 | .6 | .0 | .0 | | | | | | 4.2 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.3 | |
| | 15.3 | 27.4 | 31.1 | 20.0 | 1.6 | .3 | .0 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION WINDLEY SPACE CENTER FL STATION NAME 69-74.73-80 YEARS 1969-1973 MONTH ALL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .9 | .9 | .2 | .1 | | | | | | | | .1 | 4.3 |
| NNE | 1.3 | .2 | .1 | .7 | | | | | | | | .9 | 4.3 |
| NE | 1.2 | 1.1 | 1.2 | .1 | | | | | | | | .7 | 5.3 |
| ENE | .9 | .1 | .4 | .1 | | | | | | | | .1 | 5.7 |
| E | 1.9 | 2.1 | 4.3 | 1.8 | | | | | | | | 12.1 | 7.3 |
| ESE | 1.9 | 3.2 | 2.6 | 1.2 | .1 | | | | | | | 7.4 | 6.6 |
| SE | 2.0 | 3.2 | 2.7 | .7 | | | | | | | | 5.6 | 6.1 |
| SSE | 1.6 | 3.9 | 2.6 | .3 | | | | | | | | 5.6 | 5.7 |
| S | 1.7 | 2.6 | 5.4 | .1 | | | | | | | | 12.6 | 7.4 |
| SSW | .7 | 1.8 | 2.3 | .2 | | | | | | | | 7.1 | 6.4 |
| SW | .7 | 2.1 | 1.1 | .2 | | | | | | | | 4.2 | 5.5 |
| WSW | 1.1 | 1.4 | 1.6 | .2 | | | | | | | | 4.3 | 5.5 |
| W | 1.7 | 4.4 | 1.9 | .4 | | | | | | | | 8.8 | 6.6 |
| WNW | .4 | 1.3 | 1.0 | .1 | | | | | | | | 3.4 | 5.7 |
| NW | .7 | 1.5 | 1.7 | .4 | | | | | | | | 4.7 | 6.3 |
| NNW | 1.4 | 1.0 | 1.0 | .2 | | | | | | | | 4.0 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.0 | |
| | 20.7 | 34.3 | 30.2 | 8.7 | .1 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 900

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION KENNEDY SPACE CENTER FL STATION NAME 59-70.77--0 YEARS 1958-1960 MONTH 1958-1960
 CLASS ALL WEATHER
 CONDITION ALL WEATHER
 HOURS (L.S.T.) 2400-0000

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | .9 | 1.1 | .1 | | | | | | | | 1.7 | 5.3 |
| NNE | .7 | .7 | .3 | | | | | | | | | 1.7 | 4.9 |
| NE | .6 | .4 | .8 | | | | | | | | | 1.8 | 5.4 |
| ENE | 1.2 | 1.4 | 1.0 | .2 | | | | | | | | 2.6 | 5.4 |
| E | 1.4 | 2.3 | 3.1 | 1.0 | | | | | | | | 7.8 | 6.3 |
| ESE | 1.2 | 2.7 | 2.8 | .9 | | | | | | | | 4.1 | 6.4 |
| SE | 1.6 | 2.3 | 2.3 | .1 | | | | | | | | 6.3 | 5.6 |
| SSE | 1.4 | 2.3 | 2.0 | .2 | | | | | | | | 4.4 | 5.5 |
| S | 1.7 | 4.8 | 2.2 | 1.2 | .2 | | | | | | | 15.1 | 6.5 |
| SSW | 2.0 | 3.7 | 2.7 | .2 | | | | | | | | 1.6 | 5.6 |
| SW | 1.3 | 2.1 | .7 | .4 | | | | | | | | 4.6 | 5.2 |
| WSW | 1.1 | 1.4 | 1.0 | .2 | | | | | | | | 3.5 | 5.2 |
| W | 2.6 | 2.6 | 1.9 | .3 | | | | | | | | 6.3 | 4.2 |
| WNW | 1.1 | 1.7 | 1.9 | .1 | | | | | | | | 4.2 | 5.7 |
| NW | 2.2 | 2.4 | 1.3 | 1.2 | | | | | | | | 7.3 | 5.6 |
| NNW | 2.0 | 2.6 | 1.3 | .3 | | | | | | | | 2.0 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.7 | |
| | 25.1 | 35.0 | 26.3 | 6.7 | .2 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-2 STATION NAME ARMEDRY SPACE CENTER FL YEARS 60-70.71-72 MONTH 12
CLASS ALL WEATHER HOURS (L.S.T.) 000-2359
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 1.7 | 1.4 | .4 | .1 | | | | | | | 1.2 | 3.5 |
| NNE | .5 | .0 | .4 | | | | | | | | | 1.0 | 4.6 |
| NE | .6 | .4 | .7 | .7 | | | | | | | | 3.3 | 6.4 |
| ENE | .4 | 1.5 | .9 | .3 | | | | | | | | 3.4 | 6.3 |
| E | 1.2 | 2.1 | 2.4 | 1.9 | | | | | | | | 4.0 | 7.1 |
| ESE | 1.3 | 2.4 | 2.6 | 1.6 | | | | | | | | 3.3 | 6.9 |
| SE | .7 | 1.7 | 2.7 | .4 | | | | | | | | 4.6 | 6.7 |
| SSE | 1.2 | .7 | 2.1 | .7 | | | | | | | | 4.3 | 6.4 |
| S | 2.4 | 3.3 | 3.1 | 2.2 | .1 | | | | | | | 11.7 | 6.8 |
| SSW | 1.7 | 2.1 | 1.9 | 1.6 | | | | | | | | 6.4 | 7.3 |
| SW | 1.0 | 1.7 | 1.0 | .1 | .1 | | | | | | | 4.1 | 6.9 |
| WSW | 1.2 | .9 | 1.8 | .7 | | | | | | | | 4.2 | 6.2 |
| W | 2.4 | 2.2 | .9 | .4 | | | | | | | | 5.0 | 4.7 |
| WNW | 1.2 | 1.3 | .9 | | | | | | | | | 4.6 | 4.5 |
| NW | 1.2 | 2.4 | 3.3 | .7 | | | | | | | | 4.4 | 6.4 |
| NNW | 1.4 | 3.4 | 1.8 | 1.3 | | | | | | | | 3.4 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 23.4 | 24.3 | 28.2 | 12.0 | .3 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 900

REGIONAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-50 KENNEDY SPACE CENTER FL 61-70.77-42 MONTH 10
 STATION NAME YEARS CLASS ALL WEATHER
 HOURS (L.S.T.) 1000-1100
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 1.4 | 2.2 | 3.4 | .2 | .1 | | | | | | 1.9 | 10.7 |
| NNE | | 1.6 | 2.4 | 1.6 | | | | | | | | 1.6 | 6.7 |
| NE | .2 | 1.6 | 1.2 | .6 | | | | | | | | 1.6 | 7.6 |
| ENE | .1 | .2 | 1.0 | 1.4 | | | | | | | | 1.6 | 8.2 |
| E | .2 | 1.2 | 4.2 | 4.0 | | | | | | | | 10.9 | 9.4 |
| ESE | | .6 | 4.2 | 3.4 | | | | | | | | 6.7 | 10.0 |
| SE | | .7 | 1.7 | 2.9 | | | | | | | | 1.1 | 10.3 |
| SSE | | 1.2 | 2.4 | 5.1 | .2 | | | | | | | 1.6 | 11.1 |
| S | .4 | 1.4 | 4.2 | 4.1 | .4 | | | | | | | 10.6 | 9.9 |
| SSW | .1 | .7 | 1.2 | 2.9 | .2 | | | | | | | 1.1 | 10.5 |
| SW | .2 | .2 | 1.8 | 2.2 | .4 | | | | | | | 1.6 | 8.9 |
| WSW | .2 | 1.1 | 2.1 | 1.8 | .1 | | | | | | | 1.2 | 8.6 |
| W | .2 | 1.2 | 1.6 | 1.1 | .1 | | | | | | | 1.6 | 7.4 |
| WNW | .2 | .5 | 1.2 | .7 | | | | | | | | 1.2 | 7.7 |
| NW | | 1.2 | 1.0 | 1.1 | | | | | | | | 1.4 | 6.5 |
| NNW | .4 | .6 | 2.7 | 1.9 | | | | | | | | 3.6 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 1.9 | 19.1 | 37.4 | 35.0 | 1.9 | .1 | | | | | | 100.0 | 9.4 |

TOTAL NUMBER OF OBSERVATIONS 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-155 WANNERY PACF CENTER FL STATION NAME 03-70.73-00 YEARS 1200-1900 MONTH 1200-1900
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | .2 | .9 | 5.6 | .3 | | | | | | | 7.3 | 12.4 |
| NNE | .1 | .3 | 5.7 | 7.9 | | | | | | | | 8.9 | 9.8 |
| NE | .2 | .9 | 2.4 | .2 | | | | | | | | 4.6 | 8.0 |
| ENE | .1 | 1.7 | 3.0 | 2.3 | | | | | | | | 3.0 | 8.9 |
| E | | 1.2 | 7.6 | 4.7 | | | | | | | | 12.1 | 9.7 |
| ESE | .2 | .8 | 5.3 | 4.7 | .1 | | | | | | | 10.8 | 10.0 |
| SE | .1 | 1.2 | 4.4 | 5.3 | .2 | | | | | | | 11.1 | 10.5 |
| SSE | .1 | .2 | 3.1 | 6.4 | 1.7 | | | | | | | 11.0 | 11.8 |
| S | .2 | .3 | 2.4 | 3.1 | 1.1 | | | | | | | 6.2 | 11.6 |
| SSW | .1 | .2 | .4 | 1.3 | .1 | | | | | | | 1.2 | 11.4 |
| SW | .1 | .2 | 1.6 | 1.0 | .2 | | | | | | | 3.1 | 10.1 |
| WSW | | .2 | 1.7 | .8 | .2 | | | | | | | 3.4 | 11.2 |
| W | .1 | .4 | 1.7 | 2.2 | .4 | .1 | | | | | | 4.3 | 11.9 |
| WNW | .1 | .1 | .7 | .8 | | | | | | | | 1.7 | 10.0 |
| NW | .1 | .2 | .5 | .2 | | | | | | | | 1.1 | 5.6 |
| NNW | | .2 | .7 | 1.1 | | | | | | | | 1.7 | 11.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | 1.3 | 9.1 | 41.7 | 42.7 | 4.4 | .1 | | | | | | 100.0 | 10.4 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-3 KENNEDY SPACE CENTER FL STATION NAME 61-70, 77-00 YEARS 44 MONTH 15
CLASS ALL WEATHER HOURS (L.S.T.) 0-1700
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N | | .1 | 2.3 | 4.1 | .2 | | | | | | | 6.0 | 11.6 |
| NNE | .1 | .9 | 3.4 | 3.4 | | .1 | | | | | | 5.0 | 10.1 |
| NE | | 1.2 | 2.4 | 1.6 | | | | | | | | 5.2 | 9.9 |
| ENE | .1 | 2.0 | 3.4 | 1.6 | | | | | | | | 7.1 | 9.1 |
| E | | 3.7 | 9.9 | 2.6 | | | | | | | | 15.1 | 8.5 |
| ESE | | 1.9 | 9.2 | 3.2 | | | | | | | | 14.3 | 9.0 |
| SE | .2 | 1.5 | 6.9 | 6.8 | .1 | | | | | | | 15.6 | 10.1 |
| SSE | | .2 | 3.0 | 7.0 | .6 | | | | | | | 12.6 | 11.9 |
| S | | .4 | .7 | 2.2 | .2 | | | | | | | 3.6 | 12.0 |
| SSW | | | .1 | .2 | | | | | | | | .3 | 12.7 |
| SW | | .2 | .4 | 1.2 | .2 | | | | | | | 2.1 | 11.5 |
| WSW | | .1 | 1.2 | 1.4 | .1 | | | | | | | .9 | 11.3 |
| W | .1 | .4 | 1.4 | 2.8 | .2 | | | | | | | 5.1 | 11.3 |
| WNW | | .1 | .3 | .7 | .3 | | | | | | | 1.4 | 12.5 |
| NW | | .1 | .3 | | | | | | | | | .4 | 7.8 |
| NNW | | .1 | | .1 | | | | | | | | .2 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | .6 | 13.1 | 45.2 | 38.9 | 2.1 | .1 | | | | | | 10.0 | 10.0 |

TOTAL NUMBER OF OBSERVATIONS 926

DIGITAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100 KENNEDY SPACE CENTER F. STATION NAME 65-7-77-10 YEARS 10 MONTH 10
 CLASS ALL WEATHER
 HOURS (L.S.T.) 10
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 2.0 | 2.3 | 1.1 | | | | | | | | 1.7 | 7.8 |
| NNE | .4 | 2.7 | 3.1 | .8 | | .2 | | | | | | 2.1 | 7.8 |
| NE | .9 | 1.7 | 1.1 | .4 | | | | | | | | 4.7 | 5.1 |
| ENE | 1.7 | 2.7 | 1.0 | .4 | | | | | | | | 1.1 | 5.4 |
| E | 2.4 | 4.4 | 5.9 | .9 | | | | | | | | 11.7 | 6.0 |
| ESE | 2.7 | 4.4 | 5.1 | 1.3 | | | | | | | | 1.2 | 6.7 |
| SE | 1.9 | 4.7 | 5.5 | 1.7 | | | | | | | | 13.3 | 7.1 |
| SSE | 1.4 | 4.1 | 5.2 | 4.3 | .3 | | | | | | | 12.4 | 8.2 |
| S | .4 | 1.6 | 2.3 | 1.2 | .1 | | | | | | | 5.3 | 8.5 |
| SSW | | .4 | .2 | .1 | | | | | | | | .7 | 7.3 |
| SW | | .3 | .7 | .7 | | | | | | | | 1.7 | 7.5 |
| WSW | .1 | .6 | 1.4 | .7 | | | | | | | | 3.1 | 5.1 |
| W | .1 | 1.3 | 2.1 | .6 | | | | | | | | 4.4 | 5.5 |
| WNW | .1 | .2 | .9 | .4 | .2 | | | | | | | 2.2 | 5.7 |
| NW | .2 | .3 | .1 | | | | | | | | | .5 | 4.2 |
| NNW | .6 | .5 | .4 | | | | | | | | | 1.0 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 12.6 | 30.5 | 37.6 | 15.7 | .8 | .2 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17-84 KENNEDY SPACE CENTER FL STATION NAME 68-70.1/-0 YEARS 19
CLASS ALL WEATHER MONTH 10-2000
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.1 | .7 | .1 | | | | | | | | 5.3 | 4.2 |
| NNE | .2 | 1.2 | .9 | 1.0 | .2 | | | | | | | 4.2 | 7.5 |
| NE | 1.5 | 1.9 | 1.0 | .1 | | | | | | | | 4.6 | 5.0 |
| ENE | .4 | 1.1 | .7 | .1 | | | | | | | | 3.3 | 5.5 |
| E | 1.9 | 3.2 | 4.9 | 1.7 | | | | | | | | 11.7 | 7.2 |
| ESE | 2.2 | 3.6 | 4.3 | 1.1 | | | | | | | | 11.7 | 5.6 |
| SE | 1.9 | 3.7 | 2.6 | .4 | | | | | | | | 8.5 | 5.8 |
| SSE | 1.3 | 5.7 | 5.4 | 2.8 | | | | | | | | 14.0 | 7.6 |
| S | 2.1 | 4.2 | 4.2 | 2.4 | .2 | | | | | | | 13.2 | 7.1 |
| SSW | .3 | .2 | .9 | .1 | | | | | | | | 3.6 | 5.7 |
| SW | .2 | .9 | .9 | .1 | | | | | | | | 3.2 | 6.4 |
| WSW | .3 | 1.8 | 1.2 | .1 | | | | | | | | 3.2 | 6.1 |
| W | .4 | 2.0 | 2.3 | .4 | | | | | | | | 5.2 | 7.0 |
| WNW | .4 | .9 | 1.2 | .3 | | | | | | | | 2.9 | 6.2 |
| NW | .7 | .9 | .3 | | | | | | | | | 1.4 | 4.4 |
| NNW | 1.4 | .8 | .7 | .1 | | | | | | | | 3.0 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 17.9 | 32.4 | 32.3 | 11.0 | .4 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 250

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1180 STATION ANNEX SPACE CENTER FL STATION NAME 69-70.77-11 YEARS ALL MONTH ALL HOURS (L.S.T.) ALL

CLASS ALL WEATHER

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .2 | 1.1 | 1.5 | 1.9 | .1 | .1 | | | | | | 5.3 | 8.8 |
| NNE | .3 | 1.1 | 2.7 | 1.4 | .7 | .1 | | | | | | 8.0 | 8.4 |
| NE | .7 | 1.2 | 1.4 | .5 | | | | | | | | 3.8 | 6.8 |
| ENE | .4 | 1.0 | 1.5 | .8 | | | | | | | | 4.5 | 7.1 |
| E | 1.2 | 2.5 | 5.4 | 2.3 | | | | | | | | 11.5 | 7.9 |
| ESE | 1.2 | 2.3 | 4.6 | 2.1 | .7 | | | | | | | 10.3 | 7.8 |
| SE | 1.0 | 2.3 | 3.6 | 2.3 | .7 | | | | | | | 9.2 | 8.5 |
| SSE | .0 | 2.3 | 3.2 | 2.2 | .2 | | | | | | | 10.0 | 8.8 |
| S | 1.1 | 2.5 | 3.1 | 2.2 | .2 | | | | | | | 9.3 | 8.1 |
| SSW | .6 | 1.2 | 1.2 | .8 | .7 | | | | | | | 5.9 | 7.5 |
| SW | .5 | 1.1 | 1.1 | .8 | .1 | | | | | | | 3.4 | 7.8 |
| WSW | .5 | 1.7 | 1.5 | .7 | .1 | | | | | | | 3.8 | 7.7 |
| W | 1.1 | 1.5 | 1.5 | 1.1 | .1 | .1 | | | | | | 5.8 | 7.2 |
| WNW | .5 | .4 | 1.0 | .4 | .1 | | | | | | | 2.9 | 8.9 |
| NW | .5 | 1.2 | 1.1 | .5 | | | | | | | | 3.6 | 6.3 |
| NNW | .9 | 1.7 | 1.1 | .6 | | | | | | | | 3.9 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.6 | |
| | 12.1 | 25.4 | 44.9 | 21.7 | 1.3 | .1 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10086 STATION KENNEDY SPACE CENTER FL 69-70, 73-80 YEARS MAY MONTH 000-000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.0 | .2 | .6 | .4 | | | | | | | | 2.3 | 4.1 |
| NNE | 1.1 | .9 | .2 | .3 | | | | | | | | 2.4 | 3.5 |
| NE | 1.0 | 1.1 | | | | | | | | | | 2.0 | 3.7 |
| ENE | 1.5 | 1.2 | .1 | | | | | | | | | 2.8 | 3.8 |
| E | 2.3 | 5.1 | 2.2 | 1.0 | | | | | | | | 11.2 | 5.6 |
| ESE | 2.5 | 5.2 | 5.1 | 1.1 | | | | | | | | 13.8 | 6.1 |
| SE | 2.5 | 3.9 | 1.5 | .5 | | | | | | | | 6.3 | 5.1 |
| SSE | 2.5 | 4.1 | 1.2 | 1.3 | .1 | | | | | | | 9.1 | 6.1 |
| S | 4.3 | 4.6 | 2.5 | .5 | | | | | | | | 11.9 | 4.9 |
| SSW | 1.7 | 3.4 | 1.0 | .2 | .1 | | | | | | | 8.5 | 5.2 |
| SW | 1.4 | 1.2 | .6 | .3 | | | | | | | | 3.6 | 5.4 |
| WSW | 1.5 | 1.0 | .8 | | | | | | | | | 4.2 | 4.8 |
| W | 2.3 | 2.6 | 1.6 | .3 | | | | | | | | 6.8 | 3.2 |
| WNW | 1.0 | 1.4 | .6 | .1 | | | | | | | | 3.1 | 4.8 |
| NW | .4 | .4 | .3 | | | | | | | | | 1.2 | 4.5 |
| NNW | .4 | .6 | | .2 | | | | | | | | 1.3 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.8 | |
| | 27.8 | 37.6 | 18.3 | 6.4 | .2 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 929

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12006 STATION ARMEDRY SPACE CENTER FL STATION NAME 60-70-70-30 YEARS 1955-1955 MONTH 1955-1955
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.0 | .6 | .7 | | | | | | | | 2.2 | 5.7 |
| NNE | .3 | 1.0 | .2 | .1 | | | | | | | | 1.0 | 4.7 |
| NE | 1.7 | .4 | .2 | | | | | | | | | 2.4 | 3.4 |
| ENE | .4 | 1.4 | .1 | | | | | | | | | 1.9 | 4.3 |
| E | 2.5 | 4.7 | 2.2 | 1.0 | | | | | | | | 10.3 | 5.5 |
| ESE | 2.4 | 3.7 | 3.1 | .4 | | | | | | | | 9.6 | 5.7 |
| SE | 3.4 | 3.3 | .9 | .1 | | | | | | | | 7.7 | 4.2 |
| SSE | 2.6 | 2.7 | .8 | .4 | .1 | | | | | | | 4.6 | 3.0 |
| S | 3.2 | 3.2 | 2.2 | 1.2 | .1 | | | | | | | 10.5 | 5.8 |
| SSW | 2.4 | 1.9 | .4 | .1 | | | | | | | | 4.6 | 3.6 |
| SW | 3.1 | 1.6 | 1.0 | .1 | | | | | | | | 5.8 | 4.1 |
| WSW | 1.5 | 2.0 | .6 | .1 | | | | | | | | 4.2 | 4.6 |
| W | 3.4 | 3.7 | .9 | .1 | | | | | | | | 8.4 | 4.2 |
| WNW | .2 | 1.9 | 1.0 | | | | | | | | | 2.8 | 5.0 |
| NW | 1.8 | 1.5 | .1 | | | | | | | | | 3.4 | 3.8 |
| NNW | 1.5 | 1.1 | .4 | .2 | | | | | | | | 3.2 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.9 | |
| | 33.2 | 35.8 | 14.6 | 4.2 | .2 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1986 STATION KENNEDY SPACE CENTER FL 50-70.73-20 YEARS MONTH MAY
ALL WEATHER CLASS 1600-1800 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .5 | 1.2 | .5 | .4 | | | | | | | | 4.7 | 5.1 |
| NNE | .6 | .2 | .4 | .3 | | | | | | | | 2.5 | 6.2 |
| NE | .6 | .2 | .7 | .2 | | | | | | | | 1.9 | 5.3 |
| ENE | .9 | 1.5 | 1.5 | | | | | | | | | 3.9 | 5.8 |
| E | 2.5 | 3.7 | 3.7 | 1.0 | | | | | | | | 10.6 | 6.2 |
| ESE | 1.4 | 3.7 | 3.5 | .5 | | | | | | | | 5.5 | 6.6 |
| SE | 2.3 | 1.6 | 1.7 | .2 | | | | | | | | 2.3 | 4.9 |
| SSE | 1.4 | 2.2 | 2.2 | .8 | | | | | | | | 5.5 | 6.4 |
| S | 2.3 | 2.6 | 1.8 | 1.9 | | | | | | | | 6.6 | 7.1 |
| SSW | 1.1 | 2.2 | 1.7 | .4 | | | | | | | | 5.4 | 6.3 |
| SW | .9 | 1.2 | 1.5 | .2 | | | | | | | | 2.8 | 6.0 |
| WSW | 1.9 | 2.4 | 2.6 | .4 | | | | | | | | 7.3 | 2.8 |
| W | 2.4 | 3.7 | 2.5 | .3 | | | | | | | | 8.2 | 5.5 |
| WNW | 1.7 | 1.7 | 1.1 | | | | | | | | | 2.3 | 4.6 |
| NW | 1.3 | 2.2 | 1.0 | | | | | | | | | 4.4 | 4.8 |
| NNW | 2.0 | 1.4 | .8 | .4 | | | | | | | | 4.6 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 25.9 | 30.5 | 27.4 | 7.2 | | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1009 KENNEDY SPACE CENTER FL STATION NAME 69-72.72-6 YEARS MAY
MONTH 987-11
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .2 | 1.7 | 1.6 | | | | | | | | 4.3 | 7.4 |
| NNE | .5 | .5 | 2.2 | 1.3 | .1 | | | | | | | 1.5 | 7.5 |
| NE | | 1.4 | 1.7 | .6 | | | | | | | | 3.3 | 7.7 |
| ENE | .5 | 1.2 | 3.2 | 1.2 | | | | | | | | 5.2 | 7.8 |
| E | .4 | 2.2 | 6.3 | 3.1 | | | | | | | | 12.5 | 8.7 |
| ESE | .3 | 1.5 | 5.9 | 1.7 | | | | | | | | 9.5 | 8.5 |
| SE | .5 | 1.6 | 4.2 | 1.3 | | | | | | | | 7.8 | 7.9 |
| SSE | .3 | 1.5 | 3.3 | 3.7 | .1 | | | | | | | 6.9 | 9.4 |
| S | .5 | 2.4 | 3.5 | 3.8 | | | | | | | | 6.7 | 8.9 |
| SSW | .5 | 1.2 | 1.6 | 1.6 | .1 | | | | | | | 5.2 | 8.3 |
| SW | .2 | 1.5 | 2.5 | 1.6 | | | | | | | | 5.9 | 8.4 |
| WSW | .4 | 1.2 | 2.4 | .5 | | | | | | | | 5.3 | 7.5 |
| W | .2 | 2.2 | 2.4 | 1.5 | .2 | | | | | | | 6.2 | 7.5 |
| WNW | .5 | 1.1 | 2.3 | .5 | | | | | | | | 4.4 | 7.5 |
| NW | .4 | 1.2 | 1.1 | .2 | | | | | | | | 2.9 | 6.1 |
| NNW | .2 | .6 | .5 | .8 | | | | | | | | 2.3 | 5.1 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 6.6 | 27.2 | 44.5 | 24.1 | .5 | | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 930

SEPTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1.534 KENNEDY SPACE CENTER FL STATION NAME 64-74.72-96 YEARS
CLASS ALL WEATHER MONTH 12.00-14.00
CONDITION 12.00-14.00 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | .2 | 1.2 | 1.4 | .3 | | | | | | | 2.2 | 10.4 |
| NNE | .1 | 1.1 | 3.8 | 2.3 | .5 | | | | | | | 7.7 | 10.0 |
| NE | | 1.1 | 2.4 | .8 | .1 | | | | | | | 4.3 | 8.4 |
| ENE | .1 | 1.6 | 5.6 | 1.8 | | | | | | | | 7.1 | 8.5 |
| E | .2 | 4.0 | 17.8 | 5.8 | | | | | | | | 23.8 | 8.7 |
| ESE | .2 | 1.5 | 9.5 | 2.4 | | | | | | | | 14.6 | 7.1 |
| SE | .1 | 1.4 | 4.9 | 3.3 | | | | | | | | 9.8 | 7.4 |
| SSE | .3 | 1.7 | 4.7 | 2.2 | | | | | | | | 6.9 | 7.6 |
| S | .1 | .3 | 1.6 | 1.3 | .1 | | | | | | | 3.9 | 7.7 |
| SSW | | .5 | 1.1 | 1.1 | | | | | | | | 3.7 | 7.6 |
| SW | | .1 | 1.5 | .0 | | | | | | | | 2.5 | 7.6 |
| WSW | | .4 | 1.3 | 1.2 | | | | | | | | 2.9 | 7.7 |
| W | .1 | .5 | .6 | 1.2 | .1 | | | | | | | 2.8 | 7.9 |
| WNW | .1 | .3 | .5 | .6 | .1 | | | | | | | 1.7 | 7.7 |
| NW | | .2 | .4 | .1 | | | | | | | | .7 | 7.0 |
| NNW | | .4 | .2 | .6 | | | | | | | | 1.3 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 1.5 | 15.3 | 52.6 | 29.0 | 1.2 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 920

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11189 KENNEDY SPACE CENTER FL STATION NAME 00-70.77-00 YEARS 1950-1959 MONTH 1950-1959
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | .2 | .5 | 1.7 | .3 | | | | | | | 2.4 | 10.9 |
| NNE | .1 | .5 | 1.3 | 2.3 | .6 | | | | | | | 4.9 | 10.3 |
| NE | .1 | .5 | 3.7 | .5 | .1 | | | | | | | 4.7 | 8.2 |
| ENE | | 1.3 | 5.1 | 1.9 | | | | | | | | 3.3 | 9.0 |
| E | .2 | 2.1 | 15.3 | 4.9 | | | | | | | | 23.8 | 9.0 |
| ESE | .2 | 2.1 | 12.4 | 4.5 | | | | | | | | 19.1 | 9.0 |
| SE | .2 | 1.3 | 2.5 | 2.5 | .1 | | | | | | | 11.2 | 9.3 |
| SSE | .3 | .6 | 4.0 | 2.7 | | | | | | | | .6 | 9.9 |
| S | .3 | .3 | 1.4 | 1.9 | .2 | | | | | | | 4.6 | 9.9 |
| SSW | | .5 | 1.7 | .2 | | | | | | | | 1.7 | 7.6 |
| SW | | .4 | .7 | .3 | | | | | | | | 1.1 | 6.0 |
| WSW | .1 | .1 | .4 | .8 | | | | | | | | 1.4 | 10.6 |
| W | | .7 | .4 | 1.2 | .1 | | | | | | | 2.7 | 10.0 |
| WNW | .2 | | .4 | 1.0 | .2 | | | | | | | 1.3 | 11.5 |
| NW | | .1 | .5 | .1 | | | | | | | | .3 | 6.1 |
| NNW | .1 | .1 | .4 | .1 | | | | | | | | .2 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .6 | |
| | 2.2 | 12.4 | 54.6 | 28.9 | 1.3 | | | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 970

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1954 KENNEDY SPACE CENTER FL 6-70, 73-80
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION
MAY
MONTH
1954-1954
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.1 | 1.7 | 1.1 | | | | | | | | 4.2 | 4.2 |
| NNE | .7 | 1.5 | 1.2 | .9 | .1 | | | | | | | 3.7 | 7.8 |
| NE | .9 | 1.8 | .6 | | | | | | | | | 3.1 | 4.7 |
| ENE | .9 | 1.7 | 2.2 | .4 | | | | | | | | 1.1 | 6.3 |
| E | 2.2 | 9.7 | 3.7 | 1.2 | | | | | | | | 21.7 | 6.4 |
| ESE | 1.5 | 5.4 | 7.2 | 1.7 | | | | | | | | 11.1 | 8.6 |
| SE | 2.5 | 6.7 | 6.6 | 1.7 | | | | | | | | 1.6 | 8.5 |
| SSE | 1.2 | 2.7 | 5.4 | 2.2 | .1 | | | | | | | 11.5 | 1.2 |
| S | .8 | 1.8 | 2.7 | 2.2 | | | | | | | | 7.8 | 2.5 |
| SSW | .5 | 1.1 | 1.7 | .3 | .1 | | | | | | | 7.2 | 7.3 |
| SW | .7 | .1 | .2 | | | .1 | | | | | | .6 | 7.7 |
| WSW | .2 | .3 | .7 | .8 | | | | | | | | 1.4 | 2.9 |
| W | .1 | .6 | 1.3 | .3 | | | | | | | | 2.9 | 8.0 |
| WNW | .7 | .1 | .4 | .4 | | | | | | | | 1.7 | 2.4 |
| NW | | | .5 | .1 | | | | | | | | .6 | 9.5 |
| NNW | .2 | .2 | .3 | | | | | | | | | .9 | 2.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.2 | |
| | 12.4 | 32.7 | 39.6 | 12.2 | .3 | .1 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 731

GENERAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 61-72,77-1 YEARS 1977-1978
 CLASS ALL ADJUSTED MONTH MAY
 HOURS (L.S.T.) 17-21
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N | .5 | .5 | 1.2 | .5 | .1 | | | | | | | 1.2 | 1.2 |
| NNE | .7 | 1.0 | .4 | .4 | | | | | | | | 1.0 | 1.0 |
| NE | 1.0 | 1.3 | .7 | .1 | | | | | | | | 1.0 | 1.0 |
| ENE | 1.5 | 1.6 | 1.1 | | | | | | | | | 1.5 | 1.5 |
| E | 2.5 | 5.3 | 4.7 | .6 | | | | | | | | 10.0 | 5.0 |
| ESE | 2.4 | 7.3 | 5.0 | 1.5 | | | | | | | | 17.0 | 6.0 |
| SE | 2.4 | 5.1 | 2.5 | .4 | | | | | | | | 11.4 | 3.2 |
| SSE | 2.5 | 4.4 | 4.0 | .4 | | | | | | | | 11.2 | 3.0 |
| S | 1.1 | 4.5 | 4.0 | 1.2 | | | | | | | | 13.1 | 3.0 |
| SSW | .5 | 2.0 | 1.1 | .2 | | | | | | | | 4.1 | 1.6 |
| SW | .5 | .5 | .0 | | | | | | | | | 2.2 | 0.3 |
| WSW | 1.1 | .5 | .0 | .2 | | | | | | | | 2.0 | .6 |
| W | .5 | 1.5 | 1.0 | .3 | | | | | | | | 4.0 | 1.1 |
| WNW | .5 | .5 | .4 | .1 | | | | | | | | 1.4 | 0.6 |
| NW | .2 | .5 | .1 | | | | | | | | | 1.0 | .5 |
| NNW | .2 | .1 | .2 | .1 | | | | | | | | 1.2 | 0.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 1.2 | 34.4 | 27.5 | 6.3 | .1 | | | | | | | 10.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS 93

NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KEANEY SPACE CENTER FL STATION NAME 60-70, 73-40 YEARS 1960-1969 MONTH ALL
 CLASS ALL
 CONDITION ALL
 HOURS (L.S.T.) ALL

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .7 | 1.1 | .6 | .1 | | | | | | | 3.1 | 7.3 |
| NNE | .5 | .7 | 1.7 | 1.1 | .1 | | | | | | | 2.4 | 6.4 |
| NE | .7 | 1.7 | 1.1 | .3 | .7 | | | | | | | 2.1 | 6.3 |
| ENE | .7 | 1.3 | 2.4 | .7 | | | | | | | | 1.2 | 7.1 |
| E | 1.7 | 4.1 | 7.1 | 2.3 | | | | | | | | 11.6 | 7.4 |
| ESE | 1.4 | 3.7 | 6.5 | 1.2 | | | | | | | | 13.3 | 7.4 |
| SE | 1.2 | 3.1 | 3.6 | 1.2 | .1 | | | | | | | 6.5 | 6.7 |
| SSE | 1.4 | 2.4 | 1.1 | 1.5 | .1 | | | | | | | .9 | 7.6 |
| S | 1.2 | 2.7 | 2.4 | 1.6 | .1 | | | | | | | 1.5 | 7.0 |
| SSW | .2 | 1.1 | 1.1 | .5 | .7 | | | | | | | 4.2 | 6.4 |
| SW | .2 | .3 | 1.1 | .4 | | .7 | | | | | | 2.2 | 6.5 |
| WSW | .3 | 1.3 | 1.2 | .5 | | | | | | | | 2.3 | 6.4 |
| W | 1.2 | 1.3 | 1.2 | .7 | .1 | | | | | | | 2.2 | 6.5 |
| WNW | .6 | .4 | .2 | .3 | .7 | | | | | | | 1.7 | 6.5 |
| NW | .5 | .4 | .5 | .1 | | | | | | | | 1.9 | 6.3 |
| NNW | .7 | .6 | .4 | .3 | | | | | | | | 1.9 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 10.4 | 25.2 | 34.9 | 14.8 | .5 | .1 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WINNEDY SPACE CENTER FL STATION NAME 69-73.77-54 YEARS 1960-1960 MONTH 1960-1960
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | .4 | .1 | .1 | | | | | | | | 1.2 | 3.5 |
| NNE | .6 | .4 | .5 | | | | | | | | | 1.5 | 3.6 |
| NE | .2 | .7 | .2 | | | | | | | | | .4 | 3.3 |
| ENE | .9 | .7 | | | | | | | | | | 1.2 | 2.6 |
| E | 2.0 | 2.4 | 2.1 | | | | | | | | | 7.4 | 4.9 |
| ESE | 1.9 | 3.9 | 1.7 | .3 | | | | | | | | 7.6 | 5.2 |
| SE | 2.9 | 2.7 | .8 | | .1 | | | | | | | 6.3 | 4.3 |
| SSE | 3.7 | 3.9 | 1.7 | .1 | | | | | | | | 4.3 | 4.6 |
| S | 4.2 | 2.2 | 2.7 | .6 | | | | | | | | 13.7 | 5.5 |
| SSW | 2.7 | 4.7 | 1.2 | .1 | | | | | | | | 5.7 | 4.6 |
| SW | 2.3 | 3.2 | 2.1 | .1 | | | | | | | | 4.8 | 4.4 |
| WSW | 2.6 | 3.7 | 1.1 | .1 | | | | | | | | 7.4 | 4.5 |
| W | 3.1 | 2.7 | .4 | | | | | | | | | 6.2 | 3.9 |
| WNW | 1.4 | .6 | .1 | | | | | | | | | 2.1 | 3.4 |
| NW | 1.1 | .7 | | .1 | | | | | | | | 1.5 | 3.4 |
| NNW | 1.7 | .1 | | | | | | | | | | 1.4 | 2.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.2 | |
| | 33.6 | 34.6 | 15.0 | 1.6 | .1 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17-60 STATION KENNEDY SPACE CENTER FL 65-72, 73-80 YEARS 30 MONTH 3, 6-96 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.7 | 1.1 | | | | | | | | | | 1.4 | 2.4 |
| NNE | 1.0 | .4 | | | | | | | | | | 1.4 | 3.4 |
| NE | .4 | .3 | .2 | | | | | | | | | 1.0 | 4.0 |
| ENE | .7 | .2 | .1 | | | | | | | | | 1.7 | 4.0 |
| E | 2.3 | 2.9 | 1.0 | .3 | | | | | | | | 6.6 | 4.6 |
| ESE | 1.6 | 1.3 | .2 | .3 | | | | | | | | 4.4 | 5.1 |
| SE | 1.9 | 1.2 | .3 | .2 | | | | | | | | 4.3 | 4.6 |
| SSE | 2.3 | 1.2 | .5 | .1 | | | | | | | | 4.4 | 4.1 |
| S | 3.2 | 5.1 | .7 | .4 | | | | | | | | 9.3 | 4.6 |
| SSW | 4.3 | 4.9 | 1.5 | .6 | | | | | | | | 10.2 | 4.4 |
| SW | 2.2 | 3.4 | 1.4 | .3 | | | | | | | | 2.0 | 4.3 |
| WSW | 3.1 | 4.2 | 1.0 | | | | | | | | | 6.4 | 4.4 |
| W | 4.5 | 4.6 | .1 | | | | | | | | | 9.2 | 3.6 |
| WNW | 2.4 | .3 | | | | | | | | | | 3.3 | 2.6 |
| NW | 1.6 | .9 | | | | | | | | | | 2.7 | 3.2 |
| NNW | 2.2 | .6 | | | | | | | | | | 2.3 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.8 | |
| | 36.3 | 35.1 | 7.4 | 2.3 | | | | | | | | 100.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1008 STATION NAME KENNEDY SPACE CENTER YEARS 50-70 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 1800-0000
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.3 | 1.2 | 0.1 | | | | | | | | | 1.0 | 3.0 |
| NNE | 1.4 | 1.7 | 0.1 | | | | | | | | | 1.0 | 3.0 |
| NE | 1.4 | 0.1 | 0.1 | | | | | | | | | 0.2 | 3.0 |
| ENE | 1.3 | 0.1 | 1.0 | 0.1 | | | | | | | | 0.4 | 3.4 |
| E | 1.1 | 1.7 | 0.1 | 0.1 | | | | | | | | 0.3 | 3.9 |
| ESE | 0.4 | 0.1 | 0.1 | 0.1 | | | | | | | | 0.4 | 4.0 |
| SE | 1.0 | 0.1 | 0.1 | 0.1 | | | | | | | | 0.1 | 4.7 |
| SSE | 1.4 | 1.7 | 0.1 | 0.1 | | | | | | | | 0.1 | 4.5 |
| S | 1.0 | 1.4 | 0.1 | 0.1 | | | 0.1 | | | | | 0.4 | 3.9 |
| SSW | 0.1 | 0.7 | 0.1 | 0.1 | | 0.1 | | | | | | 0.1 | 3.9 |
| SW | 0.4 | 0.1 | 1.0 | 0.1 | 0.1 | | | | | | | 0.6 | 3.9 |
| WSW | 0.2 | 0.1 | 0.7 | 0.1 | | | | | | | | 0.4 | 3.7 |
| W | 0.1 | 0.1 | 1.0 | | | | | | | | | 0.7 | 4.0 |
| WNW | 0.1 | 0.1 | 0.1 | 0.1 | | | | | | | | 0.6 | 4.2 |
| NW | 0.1 | 0.1 | 0.1 | | | | | | | | | 0.2 | 3.9 |
| NNW | 0.7 | 1.7 | | | | | | | | | | 0.7 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 32.1 | 32.4 | 16.9 | 3.0 | 0.1 | 0.1 | 0.1 | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KEENEY SPACE CENTER FL STATION NAME 69-70.73-60 YEARS 69-70-71 MONTH 11
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.7 | .2 | .4 | | | | | | | | 7.8 | 6.7 |
| NNE | .7 | 1.7 | 2.4 | .3 | | | | | | | | 6.1 | 6.7 |
| NE | .6 | 2.2 | 2.2 | 1.2 | | | | | | | | 6.8 | 7.2 |
| ENE | .1 | 2.2 | 2.9 | .6 | | | | | | | | 5.8 | 7.4 |
| E | 1.1 | 4.1 | 3.8 | 1.6 | | | | | | | | 10.6 | 7.7 |
| ESE | 1.7 | 2.4 | 2.9 | 1.3 | | | | | | | | 7.7 | 7.4 |
| SE | .6 | 2.3 | 1.7 | .3 | | | | | | | | 4.2 | 6.9 |
| SSE | .2 | 1.8 | 2.3 | .6 | | | | | | | | 5.3 | 7.4 |
| S | .2 | 2.3 | 1.7 | .9 | .1 | | | | | | | 7.3 | 7.4 |
| SSW | .3 | 1.4 | 1.9 | .4 | .1 | .1 | | | | | | 4.3 | 7.4 |
| SW | .7 | 2.6 | 2.9 | 1.2 | | | | | | | | 7.6 | 7.2 |
| WSW | 1.1 | 3.3 | 4.1 | 1.7 | | | | | | | | 10.2 | 7.3 |
| W | 1.3 | 4.3 | 2.3 | .6 | | | | | | | | 9.5 | 6.1 |
| WNW | 1.2 | 1.9 | 1.9 | .1 | | | | | | | | 5.5 | 6.4 |
| NW | .2 | 2.1 | .9 | | | | | | | | | 3.7 | 4.6 |
| NNW | .4 | .9 | .3 | .1 | | | | | | | | 1.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.5 | |
| | 11.7 | 38.2 | 36.7 | 11.3 | .2 | .1 | | | | | | 100.2 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-34 STATION KEANEDY SPACE CENTER FL 60-70.77-20
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION
JUL MONTH
1216-1400 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | | .7 | .7 | .6 | | | | | | | | 1.6 | 5.4 |
| NNE | .7 | 1.2 | 3.8 | 1.2 | | | | | | | | 6.9 | 6.4 |
| NE | | 1.7 | 5.8 | 2.1 | | | | | | | | 9.6 | 6.8 |
| ENE | .1 | 3.3 | 5.1 | 1.1 | | | | | | | | 9.7 | 7.7 |
| E | .9 | 4.9 | 14.3 | 2.2 | | | | | | | | 22.0 | 7.9 |
| ESE | .3 | 2.7 | 7.9 | 2.7 | | | | | | | | 13.6 | 8.5 |
| SE | .2 | 1.6 | 4.3 | 1.9 | | | | | | | | 8.0 | 6.4 |
| SSE | .4 | 2.1 | 4.7 | 1.4 | | | | | | | | 8.6 | 6.6 |
| S | .7 | 1.2 | 1.8 | .9 | | | | | | | | 4.6 | 7.3 |
| SSW | | .5 | .8 | .9 | | | | | | | | 2.2 | 9.7 |
| SW | | 1.7 | 1.4 | .7 | | | | | | | | 3.1 | 6.1 |
| WSW | .2 | .5 | 2.1 | 1.1 | .1 | | | | | | | 4.4 | 9.6 |
| W | .2 | .4 | 1.1 | .6 | | | | | | | | 2.9 | 6.1 |
| WNW | .4 | .6 | .6 | .1 | | | | | | | | 1.7 | 6.1 |
| NW | .1 | .2 | .2 | .1 | | | | | | | | .7 | 7.7 |
| NNW | .1 | .1 | .2 | .1 | | | | | | | | .6 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 3.8 | 23.4 | 54.1 | 17.9 | .1 | | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12.84 STATION KENNEDY SPACE CENTER FL 69-70.73-90 69-70.73-90 YEARS JUL MONTH 1970-1970 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .2 | .7 | .7 | .4 | | | | | | | | 1.0 | 6.5 |
| NNE | .7 | 1.1 | 2.4 | 1.0 | .1 | | | | | | | 5.3 | 7.0 |
| NE | | .3 | 2.4 | 1.0 | .2 | | | | | | | 4.4 | 7.2 |
| ENE | .4 | 2.4 | 4.6 | 1.4 | | | | | | | | 5.9 | 7.9 |
| E | .5 | 3.4 | 14.7 | 1.9 | | | | | | | | 20.6 | 8.3 |
| ESE | .7 | 2.4 | 13.9 | 2.9 | | | | | | | | 19.6 | 8.4 |
| SE | .7 | 1.3 | 3.4 | 2.9 | | | | | | | | 13.3 | 8.7 |
| SSE | .6 | 1.3 | 4.0 | 2.3 | | | | | | | | 5.2 | 8.9 |
| S | .7 | 1.2 | 1.4 | 1.8 | | | | | | | | 5.1 | 8.3 |
| SSW | .4 | .9 | .3 | .4 | | | | | | | | 2.1 | 6.7 |
| SW | .2 | .7 | 1.0 | .2 | | | | | | | | 2.1 | 7.4 |
| WSW | .1 | .9 | .9 | 1.0 | .1 | | | | | | | 3.0 | 9.5 |
| W | .0 | .4 | .5 | .2 | | | | | | | | 1.9 | 7.5 |
| WNW | | .3 | .3 | .3 | | | | | | | | 1.0 | 6.4 |
| NW | | .2 | .2 | .1 | | | | | | | | .6 | 7.6 |
| NNW | .2 | .3 | .2 | .1 | | | | | | | | 1.1 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 5.6 | 18.6 | 55.3 | 19.1 | .4 | | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION KEENEY SPACE CENTER FL STATION NAME 62-76.73-80 YEARS 1970-1980 MONTH 12
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2400
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | .7 | .7 | .2 | | | | | | | | 0.2 | 5.7 |
| NNE | .2 | 2.1 | .9 | .4 | .1 | | | | | | | 3.7 | 5.7 |
| NE | 1.3 | 1.4 | 1.1 | .2 | .2 | | | | | | | 4.3 | 5.8 |
| ENE | 1.2 | 2.3 | 1.2 | .3 | | | | | | | | 5.1 | 5.6 |
| E | 2.3 | 3.3 | 5.2 | .6 | | | | | | | | 11.9 | 6.2 |
| ESE | 2.3 | 7.1 | 5.3 | .2 | | | | | | | | 15.3 | 5.8 |
| SE | 1.1 | 7.2 | 4.1 | .3 | | | | | | | | 13.2 | 6.1 |
| SSE | 1.7 | 5.6 | 2.1 | 1.3 | | | | | | | | 12.3 | 5.6 |
| S | 2.4 | 2.4 | 4.1 | .5 | | | | | | | | 10.2 | 6.3 |
| SSW | .4 | 1.6 | 1.3 | .8 | .1 | | | | | | | 4.2 | 7.5 |
| SW | .9 | .9 | 1.1 | .4 | | | | | | | | 3.3 | 5.4 |
| WSW | .4 | 1.1 | .4 | .2 | | | | | | | | 2.1 | 5.6 |
| W | .2 | .2 | .9 | .2 | | | | | | | | 2.7 | 5.8 |
| WNW | .2 | .2 | .1 | | | | | | | | | .7 | 4.0 |
| NW | .4 | .1 | .2 | .1 | | .1 | | | | | | 1.0 | 6.9 |
| NNW | .1 | .3 | .3 | .1 | | | | | | | | .9 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 17.4 | 37.8 | 32.6 | 6.4 | .4 | .1 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-44 KENNEDY SPACE CENTER FL STATION NAME 62-70.17-64 YEARS 61-62-63 MONTH JUL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 2100-2300

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | .9 | .3 | | | | | | | | | 1.8 | 4.5 |
| NNE | .4 | .7 | .3 | .2 | | | | | | | | 1.7 | 4.8 |
| NE | .7 | .8 | .4 | .2 | | | | | | | | 2.1 | 4.8 |
| ENE | 1.1 | 1.1 | .3 | | | | | | | | | 2.6 | 4.1 |
| E | 1.8 | 3.7 | 3.2 | .1 | | | | | | | | 8.8 | 5.6 |
| ESE | 2.7 | 5.7 | 2.1 | | | | | | | | | 10.5 | 4.6 |
| SE | 2.1 | 5.9 | 1.7 | .1 | | | | | | | | 10.7 | 4.9 |
| SSE | 1.3 | 5.1 | 2.6 | .2 | | | | | | | | 11.2 | 5.0 |
| S | 4.3 | 6.8 | 3.7 | .1 | | | | | | | | 14.7 | 4.8 |
| SSW | 3.1 | 2.4 | 1.7 | .2 | | | | | | | | 6.4 | 5.2 |
| SW | 1.9 | 1.7 | 1.7 | .1 | | | | | | | | 4.9 | 5.1 |
| WSW | 1.2 | 2.7 | .4 | .1 | | | | | | | | 3.8 | 4.6 |
| W | 1.2 | 2.2 | .3 | .1 | | | | | | | | 3.9 | 4.5 |
| WNW | 1.2 | .2 | | | | | | | | | | 1.4 | 3.3 |
| NW | .4 | .2 | .1 | | | | | | | | | .8 | 3.9 |
| NNW | .6 | .2 | .3 | | | | | | | | | 1.1 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 26.7 | 39.4 | 13.0 | 1.6 | | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10-3- KENNEDY SPACE CENTER FL 66-70, 77-8 50
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .0 | .3 | .2 | | | | | | | | 2.7 | 4.0 |
| NNE | .5 | 1.1 | 1.4 | .5 | .1 | | | | | | | 3.1 | 7.2 |
| NE | .6 | 1.1 | 1.6 | .4 | .1 | | | | | | | 3.9 | 7.3 |
| ENE | .7 | 1.7 | 1.9 | .4 | | | | | | | | 4.8 | 6.7 |
| E | 1.7 | 3.3 | 5.6 | .9 | | | | | | | | 11.7 | 6.9 |
| ESE | 1.7 | 3.4 | 4.4 | 1.7 | | | | | | | | 10.5 | 6.7 |
| SE | 1.9 | 3.7 | 2.6 | .8 | .1 | | | | | | | 7.9 | 6.3 |
| SSE | 1.7 | 2.2 | 2.6 | .8 | | | | | | | | 5.7 | 6.3 |
| S | 1.3 | 3.2 | 2.4 | .7 | .1 | | .1 | | | | | 9.1 | 5.8 |
| SSW | 1.6 | 2.4 | 1.2 | .5 | .1 | .1 | | | | | | 5.7 | 5.7 |
| SW | 1.4 | 2.2 | 1.6 | .4 | .1 | | | | | | | 5.7 | 5.8 |
| WSW | 1.4 | 2.6 | 1.7 | .6 | .1 | | | | | | | 4.2 | 6.1 |
| W | 1.9 | 2.5 | 1.1 | .2 | | | | | | | | 5.7 | 6.0 |
| WNW | 1.2 | .9 | .5 | .1 | | | | | | | | 1.9 | 4.5 |
| NW | .8 | .7 | .2 | .1 | | .1 | | | | | | 1.9 | 4.5 |
| NNW | .8 | .5 | .2 | .1 | | | | | | | | 1.8 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.6 | |
| | 21.1 | 32.7 | 29.5 | 7.9 | .1 | .1 | .1 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 7,400

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

11-9 STATION KENNEDY SPACE CENTER FL STATION NAME 60-70, 77-80 YEARS JUL MONTH 1960-1960
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .1 | .1 | | | | | | | | | 1.4 | 3.5 |
| NNE | .5 | | | | | | | | | | | .7 | 4.2 |
| NE | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| ENE | .9 | .2 | .5 | | | | | | | | | 1.7 | 4.7 |
| E | 2.4 | 2.3 | .9 | | | | | | | | | 5.6 | 4.1 |
| ESE | 1.5 | 3.1 | .6 | | | | | | | | | 5.3 | 4.1 |
| SE | 1.3 | 2.9 | 1.4 | .1 | | | | | | | | 5.7 | 5.0 |
| SSE | 2.1 | 2.9 | .4 | | | | | | | | | 5.5 | 3.8 |
| S | 3.3 | 9.9 | 2.7 | | | | | | | | | 17.2 | 4.5 |
| SSW | 3.2 | 6.5 | 1.2 | | | | | | | | | 12.2 | 4.3 |
| SW | 4.7 | 3.4 | 1.5 | .1 | | | | | | | | 9.0 | 4.5 |
| WSW | 2.8 | 3.1 | 1.7 | | | | | | | | | 7.3 | 4.6 |
| W | 2.2 | 3.3 | 1.1 | | | | | | | | | 6.5 | 4.5 |
| WNW | 1.1 | .2 | .1 | | | | | | | | | 1.3 | 3.4 |
| NW | 1.1 | .1 | | | | | | | | | | 1.2 | 2.5 |
| NNW | 1.0 | .1 | | | | | | | | | | 1.1 | 2.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 77.4 | 33.8 | 11.5 | .2 | | | | | | | | 170.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 57

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KEANEDY SPACE CENTER FL STATION NAME 69-70.77-00 YEARS 1969-1970 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 0300-1200
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | .2 | | | | | | | | | | 1.6 | 2.4 |
| NNE | 1.4 | .2 | .1 | | | | | | | | | 1.7 | 3.2 |
| NE | .5 | .1 | | | | | | | | | | .6 | 2.5 |
| ENE | .5 | 1.7 | .2 | | | | | | | | | 2.3 | 3.2 |
| E | 2.7 | 2.4 | .4 | | | | | | | | | 4.9 | 3.9 |
| ESE | 1.2 | 1.6 | .4 | | | | | | | | | 3.2 | 4.2 |
| SE | 2.4 | 2.7 | .5 | .2 | | | | | | | | 5.6 | 4.3 |
| SSE | 1.7 | 1.9 | .2 | | | | | | | | | 3.7 | 3.9 |
| S | 3.6 | 5.1 | .6 | | | | | | | | | 12.4 | 5.8 |
| SSW | 3.1 | 5.5 | .8 | | | | | | | | | 12.3 | 5.9 |
| SW | 2.4 | 2.1 | .8 | | | | | | | | | 7.3 | 2.3 |
| WSW | 1.7 | 4.2 | 2.2 | | | | | | | | | 9.2 | 4.4 |
| W | 2.3 | 4.3 | .4 | | | | | | | | | 6.7 | 4.2 |
| WNW | .9 | .2 | | | | | | | | | | 1.2 | 2.8 |
| NW | .5 | .2 | | | | | | | | | | .7 | 2.6 |
| NNW | 2.1 | .2 | | | | | | | | | | 2.4 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.2 | |
| | 35.6 | 35.8 | 7.2 | .2 | | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 177

JOINT CLIMATOLOGY BRANCH
USAFETAC
AFWAPATH - SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1006 KEANLEY SPACE CENTER FL STATION NAME 64-70.77- YEARS JUL MONTH
CLASS ALL 41450 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N | 1.7 | .6 | .1 | .1 | | | | | | | | .2 | 2.7 |
| NNE | 1.5 | .6 | | | | | | | | | | .2 | 2.1 |
| NE | .5 | .4 | .4 | | | | | | | | | .3 | 2.1 |
| ENE | .7 | .6 | .3 | .1 | | | | | | | | .3 | 2.1 |
| E | 2.4 | 2.3 | .5 | .1 | | | | | | | | .3 | 4.3 |
| ESE | 1.4 | 2.2 | 1.2 | | | | | | | | | .4 | 4.5 |
| SE | 1.2 | 1.5 | 1.7 | .1 | | | | | | | | .4 | 3.1 |
| SSE | 1.7 | 1.1 | .2 | .1 | | | | | | | | .3 | 4.6 |
| S | 4.5 | 4.5 | 1.7 | | | | | | | | | 11.7 | 4.3 |
| SSW | 3.8 | 4.7 | 1.6 | | | | | | | | | 7.7 | 4.3 |
| SW | 2.7 | 4.5 | 1.8 | .1 | | | | | | | | 2.3 | 4.7 |
| WSW | 2.5 | 3.5 | 2.7 | .2 | | | | | | | | 2.5 | 5.2 |
| W | .7 | 5.2 | 2.3 | .1 | | | | | | | | 11.4 | 4.2 |
| WNW | 1.7 | 1.2 | .5 | .1 | | | | | | | | .2 | 4.2 |
| NW | .2 | .3 | .5 | | | | | | | | | .2 | 4.6 |
| NNW | 1.4 | .4 | .1 | .1 | | | | | | | | .2 | 2.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.8 | |
| | 31.4 | 34.2 | 15.4 | 1.2 | | | | | | | | 10.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 93

AD-A102 401

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(11)
MAY 81

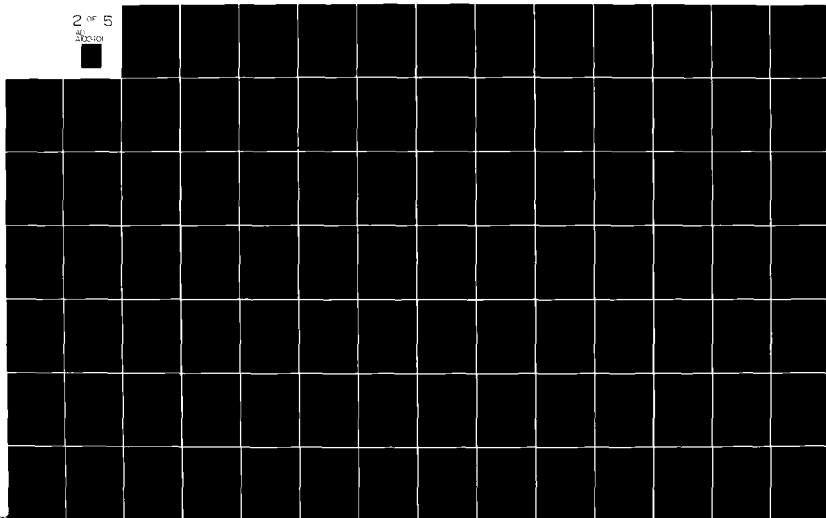
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SBIE-AD-E850 093

NL

2 of 5



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-30 KENNEDY SPACE CENTER FL STATION NAME 68-70,72-76 YEARS JUL
MONTH 1968-1970
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.4 | .6 | | | | | | | | | 2.4 | 3.1 |
| NNE | .5 | .5 | .9 | | | | | | | | | 1.3 | 5.6 |
| NE | .7 | 1.4 | .9 | | | | | | | | | 2.1 | 6.1 |
| ENE | .4 | 2.2 | 1.9 | 1.7 | | | | | | | | 5.5 | 7.1 |
| E | .6 | 3.7 | 3.3 | .5 | | | | | | | | 8.3 | 8.6 |
| ESE | .5 | 2.5 | 2.6 | .8 | | | | | | | | 6.3 | 7.0 |
| SE | .2 | 1.4 | 3.1 | 1.2 | | | | | | | | 5.9 | 8.0 |
| SSE | | 1.7 | 1.5 | .4 | | | | | | | | 3.7 | 7.2 |
| S | 1.2 | 4.6 | 5.7 | 1.0 | | | | | | | | 12.5 | 6.7 |
| SSW | .9 | 1.9 | 2.4 | .2 | | | | | | | | 5.4 | 6.3 |
| SW | .0 | 3.3 | 4.5 | 1.1 | | | | | | | | 9.9 | 7.0 |
| WSW | 1.7 | 4.6 | 3.9 | .4 | | | | | | | | 10.2 | 8.2 |
| W | 1.3 | 2.1 | 3.5 | .8 | | | | | | | | 8.3 | 6.7 |
| WNW | .5 | 1.2 | 1.9 | .2 | | | | | | | | 3.9 | 5.7 |
| NW | .5 | 1.6 | 1.7 | | | | | | | | | 3.1 | 5.3 |
| NNW | .5 | 1.1 | .4 | | | | | | | | | 2.0 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.9 | |
| | 10.4 | 37.8 | 41.1 | 7.7 | | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AD-WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-82 STATION KENNEDY SPACE CENTER FL 60-70, 77-80 YEARS JUL MONTH 12-0-1400 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .1 | .2 | .3 | | | | | | | | | 1.2 | 6.8 |
| NNE | .2 | 1.2 | 1.5 | .1 | | | | | | | | 3.0 | 6.8 |
| NE | | 2.7 | 2.7 | | | | | | | | | 4.1 | 6.6 |
| ENE | .2 | 1.3 | 3.7 | .4 | | | | | | | | 6.2 | 7.3 |
| E | .6 | 6.1 | 11.4 | 1.6 | | | | | | | | 15.3 | 7.4 |
| ESE | .3 | 2.2 | 7.7 | 1.6 | | | | | | | | 11.8 | 8.1 |
| SE | .4 | 2.6 | 8.3 | 3.1 | .1 | | | | | | | 14.5 | 8.7 |
| SSE | .1 | 2.7 | 7.3 | 1.9 | | | | | | | | 11.5 | 8.3 |
| S | .4 | 1.5 | 3.4 | .3 | .1 | | | | | | | 6.2 | 7.4 |
| SSW | | 1.4 | 1.5 | .1 | | | | | | | | 3.5 | 7.2 |
| SW | .2 | .3 | 2.3 | 1.5 | | | | | | | | 4.3 | 6.9 |
| WSW | .1 | 1.1 | 2.6 | .9 | | | | | | | | 4.6 | 6.3 |
| W | .5 | .5 | 1.6 | .8 | .1 | | | | | | | 3.7 | 6.1 |
| WNW | .4 | 1.2 | .4 | .3 | | | | | | | | 2.4 | 5.9 |
| NW | .2 | .4 | .5 | | | | | | | | | 1.3 | 5.9 |
| NNW | .1 | .2 | .1 | .1 | | | | | | | | .6 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 4.2 | 25.7 | 55.2 | 12.8 | .3 | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1968 STATION KENNEDY SPACE CENTER FL STATION NAME 68-70.77-2 YEARS JUL MONTH 1968-1968 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .6 | .6 | .1 | | | | | | | | 1.0 | 6.7 |
| NNE | .2 | .5 | .8 | .3 | | | | | | | | 1.0 | 7.2 |
| NE | .3 | .4 | 1.5 | .2 | | | | | | | | 2.9 | 7.0 |
| ENE | .1 | 1.6 | 3.1 | .2 | .1 | | | | | | | 5.2 | 7.5 |
| E | .8 | 4.4 | 11.2 | 1.4 | | | | | | | | 17.7 | 7.7 |
| ESE | .3 | 3.3 | 11.3 | 2.4 | | | | | | | | 17.7 | 7.9 |
| SE | 1.2 | 3.8 | 9.9 | 1.4 | | | | | | | | 15.1 | 8.3 |
| SSE | .6 | 1.9 | 5.8 | 2.8 | .1 | | | | | | | 11.3 | 7.7 |
| S | .2 | 1.7 | 2.9 | .9 | .1 | | | | | | | 5.1 | 6.6 |
| SSW | .2 | 1.6 | 1.6 | .3 | .2 | | | | | | | 2.7 | 6.7 |
| SW | .1 | .4 | 1.7 | .2 | | | | | | | | 1.7 | 7.6 |
| WSW | .2 | .3 | 2.5 | 1.0 | .1 | | | | | | | 4.5 | 6.6 |
| W | .5 | .6 | 1.5 | 1.0 | .1 | | | | | | | 3.8 | 6.5 |
| WNW | .2 | .5 | .2 | .1 | | | | | | | | 1.2 | 6.6 |
| NW | .1 | .1 | .5 | | | | | | | | | .3 | 7.5 |
| NNW | .3 | .2 | .4 | .4 | | | | | | | | 1.4 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | 6.0 | 21.8 | 54.2 | 14.7 | .8 | | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1000 STATION KEENEY SPACE CENTER FL 60-70.73-80 JUL MONTH
STATION NAME YEARS
ALL WEATHER CLASS 1810-2000 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.1 | .1 | .1 | | | | | | | | 1.7 | 4.9 |
| NNE | .4 | .5 | | .1 | | | | | | | | 1.1 | 4.7 |
| NE | 1.7 | .3 | .2 | | | | | | | | | 1.9 | 4.1 |
| ENE | 1.2 | 1.8 | 1.0 | | | | | | | | | 4.0 | 4.9 |
| E | 1.5 | 4.2 | 2.6 | | | | | | | | | 6.3 | 3.4 |
| ESE | 2.3 | 5.2 | 3.4 | .4 | | | | | | | | 11.3 | 5.7 |
| SE | 2.2 | 5.7 | 4.2 | .2 | | | | | | | | 13.0 | 5.5 |
| SSE | 1.5 | 5.6 | 5.3 | 1.0 | | | | | | | | 14.3 | 6.4 |
| S | 1.1 | 6.1 | 5.2 | .9 | | | | | | | | 16.2 | 6.2 |
| SSW | .9 | 1.6 | 1.0 | .3 | | | | | | | | 3.1 | 6.1 |
| SW | .7 | 1.2 | .7 | .4 | | | | | | | | 2.3 | 6.2 |
| WSW | .7 | 1.2 | 1.4 | .8 | .1 | | | | | | | 4.0 | 7.6 |
| W | 1.1 | 2.1 | 1.6 | .2 | .2 | | | | | | | 5.2 | 6.2 |
| WNW | .5 | .4 | .3 | | | | | | | | | 1.6 | 4.4 |
| NW | .5 | .2 | | | | | | | | | | .9 | 3.3 |
| NNW | .4 | .5 | | | | | | | | | | 1.2 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.4 | |
| | 14.6 | 39.7 | 28.6 | 4.4 | .3 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 43

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17-85 STATION KENNEDY SPACE CENTER FL 69-70.73-50 JUL
STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-2300
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | .2 | | | | | | | | | | 1.2 | 3.0 |
| NNE | .3 | .2 | | | | | | | | | | .5 | 3.2 |
| NE | .9 | .3 | .1 | | | | | | | | | 1.3 | 3.8 |
| ENE | .6 | .8 | .6 | | | | | | | | | 2.0 | 4.9 |
| E | 2.3 | 3.9 | .8 | | | | | | | | | 7.4 | 4.2 |
| ESE | 3.2 | 3.8 | 1.0 | | | | | | | | | 8.0 | 4.2 |
| SE | 2.2 | 4.3 | 1.0 | | | | | | | | | 7.4 | 4.7 |
| SSE | 1.7 | 5.8 | 1.4 | | | | | | | | | 8.9 | 5.0 |
| S | 4.4 | 9.7 | 3.4 | .5 | | | | | | | | 18.1 | 5.1 |
| SSW | 1.4 | 4.5 | 1.8 | .2 | | | | | | | | 10.0 | 4.7 |
| SW | 2.2 | 2.4 | .5 | .1 | | | | | | | | 5.2 | 4.3 |
| WSW | 1.0 | 1.8 | 1.7 | .1 | | | | | | | | 4.6 | 5.6 |
| W | 2.6 | 3.5 | .9 | | | | | | | | | 7.0 | 4.4 |
| WNW | .9 | .5 | | .1 | | | | | | | | 1.5 | 3.6 |
| NW | .5 | .1 | .1 | | | | | | | | | .3 | 3.1 |
| NNW | 1.0 | .2 | | | .1 | | | | | | | 1.3 | 3.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.7 | |
| | 28.6 | 42.2 | 13.3 | 1.1 | .1 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-33 STATION KENNEDY SPACE CENTER FL 62-76.77-40 YEARS JUL MONTH ALL HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .5 | .3 | . | | | | | | | | 1.7 | 4.4 |
| NNE | .6 | .5 | .4 | .1 | | | | | | | | 1.6 | 5.1 |
| NE | .5 | .8 | .6 | .1 | | | | | | | | 2.0 | 5.6 |
| ENE | .5 | 1.3 | 1.5 | .2 | . | | | | | | | 3.6 | 6.4 |
| E | 1.7 | 3.7 | 3.9 | .5 | | | | | | | | 9.7 | 6.2 |
| ESE | 1.4 | 3.0 | 3.5 | .6 | | | | | | | | 9.6 | 6.4 |
| SE | 1.4 | 3.1 | 3.7 | 1.7 | . | | | | | | | 9.3 | 6.4 |
| SSE | 1.7 | 3.2 | 3.1 | .8 | .5 | | | | | | | 8.5 | 6.5 |
| S | 3.1 | 5.5 | 3.3 | .4 | .0 | | | | | | | 12.4 | 5.4 |
| SSW | 2.6 | 3.5 | 1.5 | .1 | .0 | | | | | | | 7.8 | 4.9 |
| SW | 1.7 | 2.4 | 1.6 | .4 | | | | | | | | 6.1 | 5.5 |
| WSW | 1.3 | 2.5 | 2.3 | .4 | . | | | | | | | 6.6 | 6.1 |
| W | 1.5 | 2.0 | 1.6 | .7 | .1 | | | | | | | 6.9 | 5.5 |
| WNW | .7 | .7 | .4 | .1 | | | | | | | | 2.0 | 5.1 |
| NW | .6 | .4 | .7 | | | | | | | | | 1.7 | 4.6 |
| NNW | .8 | .4 | .1 | .1 | .5 | | | | | | | 1.5 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.6 | |
| | 21.0 | 34.6 | 28.3 | 5.3 | .2 | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 7445

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-36 ALANEDY SPACE CENTER FL STATION NAME 69-70.73-FC YEARS 40 MONTH 1000-1000
CLASS ALL WEATHER HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.6 | .4 | | .1 | | | | | | | | 2.2 | 3.4 |
| NNE | .3 | .2 | | | | | | | | | | 1.7 | 2.6 |
| NE | .6 | .4 | | | | | | | | | | 1.1 | 3.2 |
| ENE | 1.7 | 1.2 | .2 | .1 | | | | | | | | 3.2 | 4.0 |
| E | 4.8 | 3.3 | 1.4 | .2 | | | | | | | | 9.8 | 4.3 |
| ESE | 4.8 | 5.1 | 1.2 | | | | | | | | | 11.1 | 4.2 |
| SE | 4.1 | 3.7 | .2 | .1 | | | | | | | | 8.1 | 3.7 |
| SSE | 2.5 | 4.7 | .4 | | | | | | | | | 6.9 | 4.7 |
| S | 6.1 | 6.0 | .9 | .1 | | | | | | | | 13.1 | 3.6 |
| SSW | 2.2 | 2.2 | .6 | .1 | | | | | | | | 4.5 | 4.1 |
| SW | 1.1 | 1.4 | .3 | | | | | | | | | 2.8 | 4.3 |
| WSW | 1.7 | .8 | .4 | | | | | | | | | 2.9 | 3.8 |
| W | 1.3 | 1.2 | | | | | | | | | | 2.5 | 3.4 |
| WNW | 1.2 | .1 | | | | | | | | | | 1.3 | 2.6 |
| NW | .4 | .1 | .1 | | | | | | | | | .8 | 4.2 |
| NNW | 1.5 | .5 | | | | | | | | | | 2.0 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.6 | |
| | 36.3 | 37.5 | 5.8 | .2 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KEENEY SPACE CENTER FL STATION NAME 69-70.72-80 YEARS 1980 MONTH 10
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 100-000

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .2 | | | | | | | | | | 6.4 | 2.5 |
| NNE | 1.3 | .9 | | | | | | | | | | 3.2 | 3.2 |
| NE | 1.6 | .5 | .1 | | | | | | | | | 3.3 | 3.2 |
| ENE | 3.0 | 1.3 | | .1 | | | | | | | | 3.4 | 3.6 |
| E | 3.3 | 4.0 | .4 | .1 | | | | | | | | 7.8 | 4.0 |
| ESE | 4.5 | 4.4 | .2 | | | | | | | | | 9.1 | 3.7 |
| SE | 2.5 | 2.6 | .1 | .1 | | | | | | | | 5.4 | 3.8 |
| SSE | 2.9 | 1.7 | 1.0 | | | | | | | | | 5.6 | 4.2 |
| S | 5.7 | 3.2 | .3 | | | | | | | | | 9.2 | 3.2 |
| SSW | 2.6 | 3.7 | .5 | | | | | | | | | 6.8 | 4.0 |
| SW | 3.1 | 1.0 | .5 | .1 | | | | | | | | 4.7 | 3.9 |
| WSW | 1.4 | .6 | .4 | | | | | | | | | 2.5 | 3.8 |
| W | 1.6 | .3 | | | | | | | | | | 1.9 | 2.7 |
| WNW | 1.7 | .4 | | | | | | | | | | 1.4 | 2.5 |
| NW | 1.7 | .5 | | | | | | | | | | 2.3 | 2.7 |
| NNW | 2.5 | .3 | | | | | | | | | | 3.2 | 2.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.3 | |
| | 40.0 | 25.6 | 3.7 | .4 | | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1969 STATION KENNEDY SPACE CENTER FL 68-70.72-01 YEARS MONTH 10 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 3.3 | 1.0 | .1 | | | | | | | | | 3.3 | 3.0 |
| NNE | 1.7 | .7 | .1 | | | | | | | | | 2.4 | 2.0 |
| NE | 2.5 | .5 | .6 | .1 | | | | | | | | 3.6 | 3.8 |
| ENE | 4.1 | 1.9 | .9 | .1 | | | | | | | | 7.0 | 3.7 |
| E | 4.4 | 3.5 | 2.1 | .5 | | | | | | | | 10.9 | 4.8 |
| ESE | 3.2 | 2.5 | .8 | .2 | | | | | | | | 6.7 | 4.3 |
| SE | 1.7 | 1.6 | 1.4 | | | | | | | | | 4.7 | 3.0 |
| SSE | 2.2 | 2.0 | .4 | .1 | | | | | | | | 4.7 | 4.0 |
| S | 3.2 | 2.5 | 1.4 | | | | | | | | | 7.1 | 4.3 |
| SSW | 3.1 | 2.7 | 1.0 | | | | | | | | | 6.7 | 4.1 |
| SW | 1.2 | 1.0 | 1.1 | .1 | | | | | | | | 3.3 | 3.2 |
| WSW | 1.5 | 1.3 | 1.1 | | | | | | | | | 3.9 | 3.0 |
| W | 1.8 | .5 | .0 | | | | | | | | | 2.3 | 3.4 |
| WNW | 1.7 | .5 | .2 | | | | | | | | | 1.9 | 3.5 |
| NW | 1.1 | .3 | .1 | | | | | | | | | 1.5 | 2.9 |
| NNW | 1.7 | .9 | .1 | | | | | | | | | 2.9 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.7 | |
| | 37.2 | 23.4 | 11.5 | 1.2 | | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10-30 STATION MCNEED SPACE CENTER FL STATION NAME 60-70.77-10 YEARS 1960-1970 MONTH 1960-1970
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1960-1970
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.2 | 1.2 | .2 | | | | | | | | 1.3 | 5.6 |
| NNE | 1.2 | 1.5 | 1.5 | .1 | | | | | | | | 4.4 | 5.4 |
| NE | .5 | 2.3 | 1.3 | | | | | | | | | 4.0 | 5.3 |
| ENE | 1.6 | 3.4 | 2.4 | .6 | | | | | | | | 5.2 | 5.1 |
| E | 1.7 | 6.2 | 7.8 | 1.3 | | | | | | | | 17.2 | 6.4 |
| ESE | .9 | 5.3 | 5.3 | .6 | | | | | | | | 12.5 | 6.7 |
| SE | .5 | 2.2 | 3.4 | .5 | | | | | | | | 5.5 | 7.2 |
| SSE | .5 | 2.8 | 4.4 | .6 | | | | | | | | 5.5 | 7.5 |
| S | 1.1 | 3.3 | 4.6 | .5 | | | | | | | | 10.1 | 5.6 |
| SSW | .7 | 2.7 | 1.4 | .2 | | | | | | | | 4.2 | 5.9 |
| SW | .8 | 2.7 | 2.7 | .9 | | | | | | | | 5.6 | 5.6 |
| WSW | .4 | 2.4 | 1.5 | .2 | | | | | | | | 4.5 | 5.2 |
| W | .4 | 1.7 | .6 | .1 | | | | | | | | 2.5 | 5.2 |
| WNW | .9 | .5 | .2 | | | | | | | | | 1.5 | 4.2 |
| NW | .3 | 1.2 | .2 | | | | | | | | | 2.3 | 4.1 |
| NNW | .3 | .2 | .6 | | | | | | | | | 1.5 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.5 | |
| | 13.1 | 32.9 | 38.6 | 5.9 | | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 57

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1988 STATION KENNEDY SPACE CENTER FL 60-70, 77-82 YEARS 12 MONTH 12, 0-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | | | 1.3 | 1.1 | | | | | | | | 2.4 | 5.8 |
| NNE | .7 | 1.4 | 2.8 | .2 | | | | | | | | 4.7 | 6.8 |
| NE | .6 | 2.7 | 3.8 | .1 | | | | | | | | 3.9 | 8.6 |
| ENE | .5 | 3.3 | 5.9 | 1.4 | | | | | | | | 11.3 | 7.5 |
| E | .4 | 6.6 | 17.8 | 1.6 | | | | | | | | 28.5 | 7.7 |
| ESE | .5 | 2.8 | 3.7 | 1.4 | | | | | | | | 13.4 | 8.0 |
| SE | .7 | 2.3 | 7.4 | .6 | .1 | | | | | | | 13.8 | 7.5 |
| SSE | .4 | 1.5 | 5.1 | 2.6 | .1 | | | | | | | 8.7 | 8.9 |
| S | .1 | 1.4 | 2.2 | .7 | .1 | | | | | | | 4.3 | 7.5 |
| SSW | .1 | .4 | .6 | .2 | | | | | | | | 1.6 | 7.2 |
| SW | .3 | .4 | 1.2 | .5 | | | | | | | | 2.6 | 7.9 |
| WSW | .1 | .1 | 1.4 | .9 | | | | | | | | 2.8 | 7.7 |
| W | .2 | .5 | .2 | .1 | | | | | | | | 1.1 | 8.8 |
| WNW | .1 | .2 | .1 | .1 | | | | | | | | .8 | 7.6 |
| NW | .1 | .2 | .1 | | | | | | | | | .4 | 5.5 |
| NNW | .1 | | | | | | | | | | | .1 | 2.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .8 | |
| | 4.5 | 24.7 | 58.5 | 11.2 | .3 | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10-24 STATION NAME KENNEDY SPACE CENTER FL YEARS 57-78-79 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) 12-17
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | .2 | 1.1 | .4 | | | | | | | | 2.4 | 7.5 |
| NNE | .1 | 1.2 | 1.2 | .3 | | | | | | | | 2.3 | 6.4 |
| NE | .5 | 1.7 | 1.4 | .2 | | | | | | | | 2.5 | 6.2 |
| ENE | .5 | 3.3 | 5.6 | .4 | | | | | | | | 1.4 | 7.2 |
| E | 1.7 | 6.4 | 17.2 | 1.7 | | | | | | | | 27.4 | 7.5 |
| ESE | .4 | 2.5 | 1.5 | 1.3 | | | | | | | | 11.3 | 6.2 |
| SE | 1.1 | 2.4 | 10.4 | 2.2 | | | | | | | | 17.7 | 6.0 |
| SSE | .2 | 1.1 | 2.2 | 1.4 | | | | | | | | 1.5 | 6.7 |
| S | 1.2 | .2 | .4 | .5 | .1 | | | | | | | 2.2 | 4.5 |
| SSW | .2 | .1 | .5 | .2 | | | | | | | | 1.4 | 7.1 |
| SW | | .2 | .5 | .2 | | | | | | | | 1.3 | 4.2 |
| WSW | .1 | .5 | .4 | .6 | | | | | | | | 1.5 | 6.2 |
| W | .5 | .2 | 1.1 | .5 | .1 | .1 | | | | | | 2.7 | 6.9 |
| WNW | | .2 | .3 | .2 | | | | | | | | .5 | 6.9 |
| NW | .1 | .4 | .1 | | | | | | | | | .5 | 6.0 |
| NNW | .2 | .1 | .3 | .2 | | | | | | | | 1.1 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | 2.2 | 22.4 | 56.7 | 17.8 | .2 | .1 | | | | | | 111.2 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 27

U.S. AIR FORCE
CLIMATE BRANCH
U.S. AIR FORCE
CLIMATE SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 130 STATION NAME KENNEDY SPACE CENTER FL YEARS 60-70 MONTH ALL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 1200-0000

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | .2 | 1.3 | | | | | | | | | .0 | 2.6 |
| NNE | .2 | 1.2 | .4 | | | | | | | | | .4 | 4.5 |
| NE | .2 | .5 | .2 | | | | | | | | | 1.7 | 4.4 |
| ENE | 1.7 | 1.3 | 1.4 | | | | | | | | | 4.2 | 5.6 |
| E | 5.9 | 17.3 | 4.5 | .3 | | | | | | | | 21.1 | 4.9 |
| ESE | 4.2 | 5.2 | 2.7 | .3 | | | | | | | | 16.2 | 5.0 |
| SE | 3.3 | 5.1 | 2.7 | .3 | | | | | | | | 13.8 | 5.0 |
| SSE | 1.2 | 4.4 | 2.4 | .1 | | | | | | | | 8.9 | 5.5 |
| S | 1.6 | 2.7 | 1.6 | .1 | .1 | | | | | | | 5.1 | 5.6 |
| SSW | .0 | 2.7 | .7 | | | | | | | | | 3.8 | 4.9 |
| SW | .5 | .7 | .5 | .3 | | | | | | | | 1.7 | 6.4 |
| WSW | .7 | .4 | .2 | .1 | | | | | | | | 1.7 | 6.0 |
| W | .2 | .5 | .5 | .1 | .2 | | | | | | | 1.9 | 7.0 |
| WNW | .7 | .1 | .2 | | | | | | | | | .1 | 4.5 |
| NW | .5 | .3 | | | | .1 | | | | | | 1.0 | 4.4 |
| NNW | .2 | .2 | .1 | .1 | | | | | | | | .6 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.2 | |
| | 23.5 | 42.4 | 20.6 | 1.5 | .7 | .1 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1.226 KENNEDY SPACE CENTER FL STATION NAME 69-72.77-N YEARS 11 MONTH 11
CLASS ALL WEATHER HOURS (L.S.T.) 0000
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | .8 | .2 | | .3 | | | | | | | 2.4 | 4.2 |
| NNE | 1.2 | 1.1 | | | .1 | | | | | | | 3.4 | 4.0 |
| NE | .2 | .8 | | | | | | | | | | .7 | 3.6 |
| ENE | 1.3 | 1.1 | .9 | | | | | | | | | 3.1 | 4.4 |
| E | .9 | 5.8 | 1.5 | .2 | | | | | | | | 13.4 | 4.3 |
| ESE | 7.2 | 8.9 | 1.4 | .2 | | | | | | | | 15.6 | 4.1 |
| SE | 7.3 | 5.4 | 1.6 | | | | | | | | | 7.7 | 4.2 |
| SSE | 3.1 | 5.7 | .5 | | | | | | | | | 3.4 | 4.1 |
| S | 2.4 | 3.4 | 1.8 | .3 | | | | | | | | 8.0 | 4.3 |
| SSW | 2.5 | 1.8 | .4 | | | | | | | | | 3.1 | 3.8 |
| SW | 1.7 | 1.2 | .2 | .1 | | | | | | | | 2.5 | 4.7 |
| WSW | 1.1 | .5 | .4 | .1 | | | | | | | | 2.2 | 4.3 |
| W | .9 | .4 | | | | | | | | | | 1.2 | 3.3 |
| WNW | .4 | .3 | | | | | | | | | | .6 | 3.1 |
| NW | .2 | .4 | | | | | | | | | | .5 | 3.4 |
| NNW | .5 | .6 | .2 | | | | | | | | | 1.4 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.5 | |
| | 32.8 | 35.9 | 8.5 | 1.1 | .2 | | | | | | | 106.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS 925

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 69-70, 73-01 YEARS 69 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .7 | .6 | .2 | .1 | | | | | | | 4.7 | 2.2 |
| NNE | 1.1 | 1.0 | .8 | .1 | .1 | | | | | | | 3.8 | 2.1 |
| NE | .9 | 1.2 | .9 | .1 | | | | | | | | 3.2 | 2.2 |
| ENE | 1.4 | 2.2 | 2.2 | .3 | | | | | | | | 6.4 | 5.9 |
| E | 3.5 | 5.3 | 6.6 | .8 | | | | | | | | 16.8 | 6.1 |
| ESE | 2.2 | 4.7 | 3.9 | .5 | | | | | | | | 12.3 | 5.7 |
| SE | 2.1 | 3.6 | 3.3 | .5 | .1 | | | | | | | 9.3 | 5.9 |
| SSE | 1.7 | 2.6 | 2.3 | .6 | .1 | | | | | | | 7.6 | 5.4 |
| S | 2.7 | 3.1 | 1.7 | .2 | .1 | | | | | | | 7.6 | 5.6 |
| SSW | 1.5 | 1.2 | .8 | .1 | | | | | | | | 4.3 | 4.6 |
| SW | 1.0 | .9 | .8 | .3 | | | | | | | | 3.1 | 5.6 |
| WSW | .2 | .2 | .9 | .2 | | | | | | | | 2.8 | 5.9 |
| W | .2 | .6 | .3 | .1 | .1 | .1 | | | | | | 2.1 | 5.1 |
| WNW | .6 | .2 | .1 | .1 | | | | | | | | 1.2 | 4.2 |
| NW | .6 | .4 | .1 | | | .2 | | | | | | 1.2 | 3.8 |
| NNW | .9 | .4 | .2 | .1 | | | | | | | | 1.5 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.2 | |
| | 24.5 | 30.6 | 25.4 | 4.1 | .1 | .2 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 7445

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. 36 STATION KEENEY SPACE CENTER FL 62-70, 73-60 YEARS 62-70 MONTH 000-000
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .5 | .3 | | | | | | | | | 1.1 | 3.7 |
| NNE | .8 | .2 | .2 | | | | | | | | | 1.2 | 3.7 |
| NE | 1.1 | .6 | .6 | .6 | | | | | | | | 2.0 | 5.9 |
| ENE | 2.1 | 1.0 | .2 | .7 | | | | | | | | 4.0 | 5.2 |
| E | 4.2 | 5.3 | 2.2 | .9 | | | | | | | | 13.2 | 5.1 |
| ESE | 4.1 | 7.7 | 1.7 | .4 | | | | | | | | 13.9 | 4.7 |
| SE | 4.2 | 3.6 | .2 | | | | | | | | | 9.1 | 3.8 |
| SSE | 2.4 | 2.7 | .4 | .3 | | | | | | | | 5.2 | 4.5 |
| S | 2.7 | 2.2 | 2.0 | .1 | | | | | | | | 7.0 | 5.1 |
| SSW | 1.2 | 1.4 | .9 | | | | | | | | | 4.2 | 4.6 |
| SW | 1.2 | 1.1 | .1 | .1 | | | .1 | | | | | 3.3 | 4.7 |
| WSW | 1.3 | 1.6 | | | | | | .2 | | | | 3.1 | 5.9 |
| W | 1.2 | 1.0 | | .3 | | | | | | | | 2.5 | 4.2 |
| WNW | 1.2 | .1 | .1 | | | | | | | | | 1.4 | 3.2 |
| NW | .9 | .2 | .2 | | | | | | | | | 2.0 | 4.1 |
| NNW | .6 | .4 | | | | | | | | | | 1.0 | 3.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.6 | |
| | 33.7 | 30.2 | 9.6 | 3.4 | | | .1 | .2 | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10-2 KENNEDY SPACE CENTER FL STATION NAME 60-16-77-3 YEARS 1970-1971 MONTH 12
CLASS ALL WEATHER HOURS (L.S.T.) 24
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 2.4 |
| NNE | 0.7 | 0.6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 4.1 |
| NE | 1.0 | 1.2 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 4.7 |
| ENE | 0.9 | 1.9 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 5.8 |
| E | 5.0 | 3.9 | 1.7 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.1 | 4.5 |
| ESE | 1.0 | 5.1 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.1 | 4.7 |
| SE | 2.4 | 2.1 | 0.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.4 | 4.4 |
| SSE | 1.6 | 1.4 | 0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 4.5 |
| S | 2.4 | 1.4 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | 4.2 |
| SSW | 3.7 | 2.7 | 0.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.6 | 4.5 |
| SW | 1.6 | 0.9 | 0.1 | 0.1 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 6.5 |
| WSW | 1.2 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 5.4 |
| W | 1.7 | 1.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2 | 4.3 |
| WNW | 1.4 | 0.6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2 | 4.5 |
| NW | 1.2 | 1.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 4.5 |
| NNW | 0.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 3.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.8 | |
| | 32.9 | 27.9 | 8.8 | 2.3 | | | 0.3 | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10-50 WANNEDY SPACE CENTER FL STATION NAME 50-70.73-10 YEARS 50
MONTH 50
CLASS ALL WEATHER
HOURS (L.S.T.) 1600-1500
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 2.0 | .2 | .1 | | | | | | | | 4.0 | 4.0 |
| NNE | 1.1 | .5 | | | | | | | | | | 1.0 | 3.5 |
| NE | 1.1 | 1.7 | .6 | .2 | .1 | | | | | | | 3.8 | 5.9 |
| ENE | 2.7 | 1.7 | 1.6 | .1 | | | | | | | | 6.0 | 4.9 |
| E | 4.3 | 5.2 | 2.4 | .3 | | | | | | | | 12.8 | 4.8 |
| ESE | 3.9 | 4.0 | 2.8 | .1 | | | | | | | | 9.6 | 5.2 |
| SE | 1.6 | 1.4 | .6 | .1 | | | | | | | | 3.7 | 4.6 |
| SSE | .3 | .8 | .4 | .5 | | | | | | | | 2.0 | 5.9 |
| S | 1.3 | 1.2 | .5 | .1 | | | | | | | | 3.6 | 4.9 |
| SSW | 1.3 | 1.9 | .4 | .2 | | .1 | | | | | | 4.4 | 5.0 |
| SW | 1.2 | 1.1 | .7 | | | .2 | | | | | | 3.2 | 5.8 |
| WSW | 1.7 | 1.0 | .3 | .1 | | | | | | | | 3.1 | 4.1 |
| W | 2.3 | 1.6 | .7 | .1 | | | | | | | | 5.7 | 3.6 |
| WNW | 1.7 | 1.3 | | | | | | | | | | 3.0 | 3.4 |
| NW | 2.1 | 1.4 | .2 | | | | | | | | | 3.3 | 3.6 |
| NNW | 1.6 | 1.3 | .2 | | | | | | | | | 3.1 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.9 | |
| | 31.8 | 29.4 | 12.2 | 2.3 | .2 | .3 | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. 1999 STATION KENNEDY SPACE CENTER FL STATION NAME 60-76.73-24 YEARS 1999-1100 MONTH 1999-1100
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 1.0 | 1.2 | .7 | | | | | | | | 4.2 | 6.0 |
| NNE | .9 | 3.1 | 1.2 | .1 | | | | | | | | 1.7 | 5.2 |
| NE | .7 | 2.4 | 2.7 | .3 | | | | | | | | 5.4 | 6.3 |
| ENE | .7 | 2.5 | 3.3 | .9 | .2 | .1 | | | | | | 6.4 | 7.5 |
| E | 1.6 | 6.8 | 8.3 | 2.1 | | | | | | | | 15.8 | 7.2 |
| ESE | .9 | 3.0 | 6.9 | 1.5 | | | | | | | | 12.6 | 7.2 |
| SE | .2 | 1.9 | 2.9 | .3 | | | | | | | | 5.8 | 6.5 |
| SSE | .3 | 2.2 | 1.9 | 1.7 | | | | | | | | 5.4 | 7.2 |
| S | .3 | 1.2 | 1.7 | .3 | .1 | | | | | | | 4.2 | 7.0 |
| SSW | .1 | 1.2 | 1.7 | .8 | | | | | | | | 5.1 | 7.7 |
| SW | .3 | 1.7 | 1.6 | .4 | .1 | .2 | | | | | | 4.3 | 5.1 |
| WSW | .7 | 2.6 | .8 | .1 | | | | | | | | 4.1 | 5.3 |
| W | 1.2 | 2.0 | 1.2 | .2 | | | | | | | | 5.2 | 5.4 |
| WNW | .8 | 1.7 | .7 | | | | | | | | | 2.4 | 4.6 |
| NW | .3 | 1.7 | .4 | | | | | | | | | 1.8 | 5.1 |
| NNW | 1.1 | 2.7 | .6 | .1 | | | | | | | | 3.8 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 11.8 | 32.4 | 35.9 | 8.1 | .4 | .7 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 920

U.S. NAVAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10020 KENNEDY SPACE CENTER FL STATION NAME 67-70.73-30 YEARS 90 MONTH 1200-1400
 CLASS ALL WEATHER
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | .6 | 2.4 | .2 | | | | | | | | 3.6 | 7.9 |
| NNE | .3 | 1.7 | 2.2 | .2 | | | | | | | | 4.4 | 6.6 |
| NE | .3 | 3.2 | 4.7 | 1.5 | | | | | | | | 9.6 | 7.2 |
| ENE | .7 | 5.4 | 6.7 | 1.3 | | | .1 | .1 | | | | 14.4 | 6.6 |
| E | .4 | 7.8 | 14.9 | 4.2 | | | | | | | | 27.3 | 7.9 |
| ESE | .7 | 3.4 | 6.7 | .9 | | | | | | | | 11.7 | 7.3 |
| SE | .7 | 2.3 | 4.3 | 1.4 | | | | | | | | 6.4 | 6.6 |
| SSE | .2 | 1.6 | 2.4 | 1.3 | | | | | | | | 6.6 | 6.3 |
| S | .1 | .6 | 1.7 | .6 | | | | | | | | 2.2 | 7.9 |
| SSW | .3 | .7 | .7 | .3 | | | | | | | | 1.7 | 7.1 |
| SW | | .7 | .3 | .3 | .3 | | | | | | | 2.1 | 6.9 |
| WSW | .3 | .9 | .6 | .2 | | | | | | | | 1.9 | 6.4 |
| W | .2 | 1.3 | 1.2 | | .1 | | | | | | | 2.9 | 6.7 |
| WNW | .7 | .4 | .6 | .2 | | | | | | | | 1.6 | 6.3 |
| NW | | .2 | .1 | | | | | | | | | .3 | 5.3 |
| NNW | .2 | .1 | | .1 | | | | | | | | .4 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 4.9 | 31.0 | 50.2 | 12.4 | .4 | | .2 | .1 | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11-84 STATION KENNEDY SPACE CENTER FL STATION NAME 60-70.73-80 YEARS 1960-1984 MONTH 1960-1984
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .2 | .2 | 1.2 | .4 | | | | | | | | .3 | 3.6 |
| NNE | .2 | 1.7 | 1.9 | .4 | .1 | | | | | | | .4 | 7.2 |
| NE | .4 | 2.9 | 3.3 | .7 | | | .1 | | | | | 7.4 | 7.4 |
| ENE | .3 | 4.3 | 6.3 | .9 | | .1 | .1 | | | | | 12.6 | 7.4 |
| E | 1.6 | 11.9 | 15.2 | 3.3 | | | | | | | | 31.2 | 7.3 |
| ESE | 1.6 | 4.4 | 3.7 | 2.1 | | | | | | | | 16.1 | 7.4 |
| SE | .4 | 2.3 | 3.4 | 1.2 | | | | | | | | 3.0 | 7.7 |
| SSE | .1 | 1.2 | 2.4 | 1.3 | | | | | | | | 3.2 | 8.5 |
| S | .1 | 1.1 | 1.1 | .7 | | | | | | | | 3.0 | 7.7 |
| SSW | .4 | .4 | .2 | .1 | | | | | | | | 1.2 | 5.0 |
| SW | .1 | .6 | .2 | | .2 | | | | | | | 1.2 | 9.1 |
| WSW | .1 | .7 | .2 | .2 | | | | | | | | 1.2 | 7.0 |
| W | .3 | .7 | .4 | .1 | .1 | | | | | | | 1.7 | 6.5 |
| WNW | .1 | .4 | .4 | | | | | | | | | 1.0 | 8.9 |
| NW | .1 | .2 | | | | | | | | | | .4 | 4.3 |
| NNW | .2 | .4 | .3 | .3 | | | | | | | | 1.3 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 7.3 | 33.4 | 44.9 | 11.9 | .6 | .1 | .2 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
481 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-96 STATION KENNEDY SPACE CENTER FL 69-70, 71-80 YEARS SEP MONTH
ALL WEATHER CLASS 1810-2000 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .7 | .7 | .7 | .1 | | | | | | | | .1 | 5.6 |
| NNE | 1.0 | .9 | .9 | | .1 | | | | | | | .7 | 5.7 |
| NE | 1.4 | 2.9 | .9 | .4 | | | | | | | | 5.6 | 5.5 |
| ENE | 1.9 | 3.1 | 1.3 | .7 | | | | | | | | 7.2 | 5.5 |
| E | 5.1 | 12.7 | 4.9 | 1.0 | | .7 | .1 | | | | | 25.0 | 5.4 |
| ESE | 5.3 | 7.8 | 3.6 | .6 | | | | | | | | 17.4 | 5.0 |
| SE | 2.6 | 5.0 | 1.2 | .1 | | | | | | | | 5.9 | 4.5 |
| SSE | 2.3 | 3.1 | 2.2 | .7 | | | | | | | | 7.9 | 5.3 |
| S | 1.1 | 2.3 | .6 | .3 | | | | | | | | 4.3 | 5.1 |
| SSW | .5 | 1.1 | .3 | .2 | | | | | | | | 3.2 | 5.4 |
| SW | .7 | .4 | .4 | .1 | .1 | | | | | | | 1.4 | 6.9 |
| WSW | .5 | .4 | .1 | .1 | | | | | | | | 1.4 | 4.5 |
| W | 1.6 | .4 | .2 | .2 | | | | | | | | 2.4 | 4.0 |
| WNW | | .4 | .4 | | | | | | | | | .7 | 7.8 |
| NW | .3 | .4 | | | | | | | | | | .6 | 3.6 |
| NNW | .1 | .2 | .7 | | | | | | | | | 1.1 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 26.1 | 42.0 | 18.4 | 4.1 | .2 | .2 | .1 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 60-70, 73-80 YEARS 1960-1969
CLASS ALL WEATHER MONTH 11-12-1969
CONDITION 21.0-24.0
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | .1 | .1 | .2 | | | | | | | | 1.7 | 5.2 |
| NNE | .6 | .7 | .3 | .1 | | | | | | | | 1.7 | 5.5 |
| NE | 1.2 | 1.7 | .6 | .7 | | | | | | | | 3.8 | 5.3 |
| ENE | 1.4 | 1.2 | 1.4 | .4 | | | | | | | | 4.6 | 5.0 |
| E | 5.7 | 9.2 | 2.8 | 1.3 | | | .1 | | | | | 13.4 | 5.3 |
| ESE | 6.2 | 7.7 | 2.6 | .4 | .1 | | | | | | | 17.0 | 4.8 |
| SE | 4.7 | 3.2 | .4 | .1 | | | | | | | | 7.8 | 4.7 |
| SSE | 2.6 | 4.1 | .8 | .1 | | | | | | | | 7.6 | 4.6 |
| S | 3.7 | 2.7 | 1.1 | .2 | | | | | | | | 7.7 | 4.4 |
| SSW | 1.3 | 2.5 | .6 | .3 | | | | | | | | 4.7 | 4.6 |
| SW | .6 | .9 | .1 | | | | | | | | | 1.6 | 4.3 |
| WSW | .3 | .6 | .1 | .1 | | | | | | | | 1.0 | 4.4 |
| W | 1.7 | 1.6 | | .2 | | | | | | | | 3.7 | 3.7 |
| WNW | .7 | .3 | | .1 | | | | | | | | 1.1 | 4.0 |
| NW | .3 | .1 | .1 | | | | | | | | | .6 | 4.0 |
| NNW | .3 | .5 | .2 | | | | | | | | | 1.4 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.3 | |
| | 32.1 | 36.9 | 11.2 | 4.2 | .1 | | .1 | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 900

REGIONAL CLIMATOLOGY BRANCH
AFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10030 STATION NAME KENNEDY SPACE CENTER FL YEARS 64-70, 77-80 MONTH ALL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | .9 | .2 | .2 | | | | | | | | 3.1 | 5.4 |
| NNE | .7 | 1.2 | .9 | .1 | .0 | | | | | | | 1.7 | 5.7 |
| NE | .4 | 2.1 | 1.6 | .4 | .0 | | .0 | | | | | 5.2 | 6.3 |
| ENE | 1.4 | 2.7 | 2.8 | .7 | .0 | .0 | .0 | .0 | | | | 7.7 | 6.7 |
| E | 3.7 | 7.7 | 6.6 | 1.7 | | .0 | .0 | | | | | 19.7 | 5.3 |
| ESE | 2.2 | 5.5 | 4.2 | .7 | .0 | | | | | | | 13.7 | 5.8 |
| SE | 2.1 | 2.9 | 1.4 | .4 | | | | | | | | 7.1 | 5.5 |
| SSE | 1.3 | 2.1 | 1.5 | .7 | | | | | | | | .6 | 6.2 |
| S | 1.5 | 1.7 | 1.1 | .3 | .0 | | | | | | | 4.8 | 5.4 |
| SSW | 1.2 | 1.7 | .6 | .3 | | .0 | | | | | | 3.4 | 5.3 |
| SW | .7 | .9 | .5 | .1 | .1 | .1 | .1 | | | | | 2.5 | 6.8 |
| WSW | .9 | 1.1 | .2 | .1 | | | | .0 | | | | 2.4 | 5.6 |
| W | 1.5 | 1.4 | .5 | .2 | .0 | | | | | | | 3.7 | 4.7 |
| WNW | .8 | .2 | .2 | .0 | | | | | | | | 1.7 | 4.4 |
| NW | .7 | .7 | .2 | | | | | | | | | 1.5 | 4.1 |
| NNW | .9 | .2 | .2 | .1 | | | | | | | | 1.9 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.3 | |
| | 22.6 | 33.5 | 23.9 | 6.1 | .2 | .1 | .1 | .0 | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC
 0-8-5 (OL-A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-120 KEENEY SPACE CENTER FL STATION NAME 68-75-77-10 YEARS 1968-1969 MONTH 01
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.2 | 1.2 | 1.3 | | | | | | | | 4.2 | 2.5 |
| NNE | 1.5 | 1.2 | 1.4 | 1.5 | 1.1 | | | | | | | 1.1 | 7.8 |
| NE | 1.4 | 1.3 | 1.6 | 2.9 | 1.2 | | | | | | | 2.1 | 2.4 |
| ENE | 1.4 | 3.2 | 2.8 | 2.9 | 1.7 | 1.1 | | | | | | 14.8 | 6.4 |
| E | 1.2 | 5.2 | 5.5 | 3.6 | 1.1 | | | | | | | 17.5 | 7.3 |
| ESE | 2.2 | 1.7 | 1.4 | | | | | | | | | 5.3 | 4.7 |
| SE | 1.5 | 1.7 | 1.9 | 1.3 | 1.1 | | | | | | | 4.4 | 5.6 |
| SSE | 1.1 | 1.9 | 1.4 | | | | | | | | | 2.3 | 4.6 |
| S | 1.4 | 1.3 | 1.5 | | | | | | | | | 3.5 | 4.3 |
| SSW | 1.9 | 1.1 | 1.1 | 1.7 | | | | | | | | 1.3 | 4.6 |
| SW | 1.8 | 1.1 | 1.2 | | | | | | | | | 7.0 | 4.5 |
| WSW | 1.6 | 1.2 | 1.3 | 1.2 | | | | | | | | 1.9 | 4.9 |
| W | 1.1 | 2.5 | 1.5 | 1.1 | | | | | | | | 5.2 | 4.3 |
| WNW | 1.1 | 2.2 | 1.7 | | | | | | | | | 2.4 | 2.9 |
| NW | 1.7 | 1.5 | 1.8 | 1.3 | | | | | | | | 4.4 | 4.9 |
| NNW | 1.4 | 1.3 | 1.5 | 1.6 | | | | | | | | 4.2 | 2.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.9 | |
| | 21.7 | 30.8 | 18.3 | 17.3 | 1.9 | 1.1 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 729

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMPC TAC
 AIR WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-1981 STATION AWMPCY SPACE CENTER FL STATION NAME 03-7, 73-6 YEARS 1961
 MONTH 1961-1961
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 3.1 | 1.1 | .5 | | | | | | | | .8 | 1.3 |
| NNE | 1.4 | 1.4 | .5 | 1.3 | .2 | | | | | | | .5 | 7.1 |
| NE | 1.1 | 2.4 | 2.7 | 2.2 | .1 | | | | | | | .9 | 7.5 |
| ENE | 1.3 | 2.6 | 2.7 | 3.1 | .4 | | | | | | | .5 | 3.5 |
| E | 3.1 | 7.4 | 3.7 | 2.9 | | | | | | | | 10.9 | 6.6 |
| ESE | 1.1 | 1.4 | 1.7 | .5 | .1 | | | | | | | 3.7 | 6.7 |
| SE | .8 | .9 | .4 | .2 | | | | | | | | 3.3 | 5.5 |
| SSE | 1.1 | 1.7 | .3 | .1 | | | | | | | | 2.5 | 4.4 |
| S | .3 | .2 | 1.3 | | | | | | | | | .3 | 3.3 |
| SSW | .5 | .4 | .9 | | | | | | | | | 1.5 | 3.6 |
| SW | 1.2 | .9 | .1 | | | | | | | | | 2.5 | 3.5 |
| WSW | 1.6 | 1.2 | .7 | | | | | | | | | 2.1 | 3.8 |
| W | 1.4 | 2.5 | .4 | | | | | | | | | 4.7 | 4.1 |
| WNW | .4 | 2.4 | | | | | | | | | | 4.4 | 3.7 |
| NW | 2.2 | 2.7 | .9 | | | | | | | | | 5.7 | 4.4 |
| NNW | 2.5 | 1.2 | .0 | .3 | | | | | | | | 5.7 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.3 | |
| | 24.3 | 32.6 | 16.8 | 11.2 | .9 | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS 57

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 69-70.78-1 YEARS 1969-1970 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.1 | 1.1 | .4 | | | | | | | | .1 | 1.1 |
| NNE | 1.2 | 1.2 | 1.1 | 1.9 | .6 | | | | | | | .7 | 1.6 |
| NE | .0 | 3.2 | 3.1 | 1.3 | .1 | | | | | | | .4 | 2.4 |
| ENE | 1.1 | 3.1 | 2.6 | 3.9 | .1 | | | | | | | 11.1 | 4.0 |
| E | 3.3 | 3.9 | 4.4 | 5.9 | .1 | | | | | | | 16.4 | 7.4 |
| ESE | 1.1 | 1.7 | .9 | .3 | | | | | | | | 4.3 | 4.0 |
| SE | .4 | .2 | .2 | | | .1 | | | | | | 1.3 | 1.3 |
| SSE | .4 | .5 | .4 | .2 | | | | | | | | 1.6 | 1.7 |
| S | .2 | .1 | .6 | .1 | | | | | | | | .7 | 1.3 |
| SSW | .6 | 1.1 | .4 | .1 | | | | | | | | 2.3 | 1.1 |
| SW | .9 | .8 | .6 | | | | | | | | | 2.3 | 1.2 |
| WSW | 1.1 | .1 | .2 | | | | | | | | | 1.4 | 1.1 |
| W | 2.2 | 1.9 | .5 | | | | | | | | | 4.6 | 2.5 |
| WNW | 1.3 | 2.5 | .2 | | | | | | | | | 4.0 | 3.7 |
| NW | 3.7 | 3.1 | 1.7 | .4 | | | | | | | | 8.2 | 4.9 |
| NNW | 1.4 | 3.2 | 1.4 | .3 | | | | | | | | 6.3 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.3 | |
| | 2.2 | 31.6 | 19.6 | 11.8 | 1.4 | .1 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 93

OFFICIAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1955 STATION KENNEDY SPACE CENTER FL 69-70, 73-20 YEARS 1957 MONTH 9-11-1957 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .4 | 1.2 | 3.9 | 2.7 | | | | | | | | 8.3 | 5.1 |
| NNE | .4 | 1.2 | 4.7 | 2.3 | .4 | | | | | | | 5.9 | 4.7 |
| NE | .4 | 1.7 | 5.6 | 4.2 | .1 | | | | | | | 11.7 | 7.9 |
| ENE | .4 | 1.5 | 3.1 | 4.7 | .3 | | | | | | | 7.9 | 11.8 |
| E | .9 | 2.8 | 8.6 | 5.7 | .4 | | | | | | | 17.2 | 9.0 |
| ESE | .6 | 1.5 | 2.5 | 1.2 | | | | | | | | 6.0 | 7.7 |
| SE | .4 | .6 | 1.6 | .8 | | | | | | | | 3.5 | 7.7 |
| SSE | .2 | .2 | .6 | .2 | | | | | | | | 1.5 | 5.0 |
| S | .4 | .3 | .7 | .6 | | | | | | | | 2.5 | 6.0 |
| SSW | .4 | 1.1 | .4 | .3 | | | | | | | | 2.7 | 6.5 |
| SW | .2 | .2 | 1.1 | .4 | | | | | | | | 2.4 | 7.3 |
| WSW | .2 | .6 | 1.2 | .2 | | | | | | | | 2.5 | 6.9 |
| W | .4 | 1.2 | 1.5 | .2 | | | | | | | | 4.1 | 6.5 |
| WNW | .4 | 2.4 | 1.4 | .1 | | | | | | | | 4.7 | 6.6 |
| NW | .6 | 2.7 | 1.6 | .5 | | | | | | | | 5.5 | 6.4 |
| NNW | .6 | 1.2 | 2.5 | 1.4 | | | | | | | | 6.1 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 3.7 | 23.4 | 39.6 | 25.5 | 1.5 | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-42 STATION NAME ANN ARBOR COACH CENTER FL YEARS 60-70, 73-80 MONTH 06
CLASS ALL WEATHER HOURS (L.S.T.) 12 00-14 00
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 1.2 | 4.2 | 7.7 | .2 | | | | | | | 1.9 | 6.3 |
| NNE | .1 | 2.5 | 6.1 | 4.5 | .6 | | | | | | | 13.4 | 7.5 |
| NE | | 7.2 | 4.0 | 4.5 | .1 | | | | | | | 11.7 | 9.6 |
| ENE | .5 | 2.3 | 5.3 | 5.3 | .4 | | | | | | | 12.8 | 7.7 |
| E | .5 | 2.4 | 4.7 | 5.2 | .3 | | | | | | | 15.1 | 7.4 |
| ESE | .2 | 1.9 | 4.1 | 1.7 | | | | | | | | 6.0 | 6.4 |
| SE | | .9 | 1.0 | .6 | .1 | | | | | | | 2.5 | 7.3 |
| SSE | | .5 | 1.2 | .6 | | | | | | | | 2.7 | 8.4 |
| S | .2 | .6 | 1.4 | .9 | | | | | | | | 3.3 | 8.4 |
| SSW | .1 | .3 | .7 | .1 | | | | | | | | .9 | 6.6 |
| SW | .2 | .5 | .9 | .1 | | | | | | | | 1.8 | 6.5 |
| WSW | .5 | .9 | 1.6 | .4 | | | | | | | | 3.4 | 6.4 |
| W | | 1.1 | 1.3 | .5 | | | | | | | | 2.9 | 7.9 |
| WNW | | .6 | 1.7 | .5 | | | | | | | | 2.9 | 6.3 |
| NW | .1 | .5 | 1.6 | .1 | | | | | | | | 1.7 | 7.1 |
| NNW | .2 | .9 | 1.5 | 1.6 | | | | | | | | 4.2 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 7.2 | 19.9 | 43.5 | 30.4 | 1.8 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-896 KEANCO SPACE CENTER FL STATION NAME 66-70, 77-80 YEARS 1966-1970 MONTH 1-12
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.2 | 4.7 | 4.2 | .7 | | | | | | | 11.2 | 7.7 |
| NNE | .5 | 2.7 | 5.7 | 4.2 | .7 | | | | | | | 14.2 | 8.6 |
| NE | .5 | 3.1 | 5.2 | 4.5 | .4 | | | | | | | 15.7 | 9.3 |
| ENE | .6 | 3.2 | 5.8 | 5.4 | .7 | | | | | | | 16.2 | 10.5 |
| E | 1.0 | 5.7 | 6.6 | 5.9 | .7 | | | | | | | 17.4 | 7.7 |
| ESE | 1.0 | 3.3 | 2.5 | .8 | | | | | | | | 7.8 | 6.5 |
| SE | .6 | 1.6 | .2 | .2 | | | | | | | | 3.3 | 6.9 |
| SSE | .7 | 1.5 | 1.5 | .1 | | | | | | | | 3.4 | 6.6 |
| S | .4 | .2 | .2 | .4 | | | | | | | | 1.7 | 7.6 |
| SSW | .7 | .4 | .1 | .1 | | | | | | | | .9 | 6.5 |
| SW | .1 | .2 | | | | | | | | | | .3 | 6.3 |
| WSW | .2 | .2 | .5 | .1 | | | | | | | | 1.2 | 6.7 |
| W | .1 | 1.1 | 1.6 | .3 | | | | | | | | 3.1 | 7.4 |
| WNW | .4 | .2 | 1.2 | .2 | | | | | | | | 2.4 | 7.6 |
| NW | .5 | .2 | .6 | | | | | | | | | 1.2 | 6.6 |
| NNW | .1 | .2 | .3 | 1.7 | .7 | | | | | | | 2.4 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 7.1 | 22.8 | 37.2 | 23.5 | 1.7 | | | | | | | 100.1 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 3 KENNEDY SPACE CENTER FL STATION NAME 69-70.73-80 YEARS 1969-1970 MONTH 12
CLASS ALL WEATHER HOURS (L.S.T.) 1800-0000
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 2.4 | 2.7 | 2.5 | | | | | | | | 12.2 | 7.2 |
| NNE | 1.9 | 3.4 | 2.9 | 1.9 | | | | | | | | 10.2 | 7.1 |
| NE | 1.7 | 3.7 | 3.2 | 2.7 | | | | | | | | 11.3 | 7.7 |
| ENE | 2.2 | 3.4 | 4.2 | 3.6 | .4 | | | | | | | 13.5 | 6.2 |
| E | 4.4 | 5.6 | 3.9 | 1.7 | .3 | | | | | | | 15.9 | 6.2 |
| ESE | 1.9 | 3.3 | 1.4 | .6 | | | | | | | | 7.3 | 5.5 |
| SE | 1.4 | 2.5 | .4 | | | | | | | | | 4.3 | 4.3 |
| SSE | .3 | 1.3 | .5 | .2 | | | | | | | | 2.8 | 5.4 |
| S | .3 | 1.4 | .2 | | | | | | | | | 2.5 | 5.4 |
| SSW | .6 | .4 | | | | | | | | | | 1.1 | 4.1 |
| SW | .2 | .3 | .1 | | | | | | | | | 1.2 | 2.9 |
| WSW | .5 | 1.1 | | | | | | | | | | 1.5 | 3.7 |
| W | .6 | .3 | .3 | | | | | | | | | 1.7 | 4.5 |
| WNW | .1 | .3 | | | | | | | | | | .9 | 4.4 |
| NW | .2 | .4 | .2 | | | | | | | | | 1.4 | 4.3 |
| NNW | 1.1 | 1.6 | .8 | .2 | | | | | | | | 3.7 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.3 | |
| | 12.0 | 32.0 | 21.4 | 13.5 | .9 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 328

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-3 STATION NAME WAINWRIGHT SPACE CENTER FL YEARS 66-70 MONTH 1
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.7 | 1.7 | 1.5 | .1 | | | | | | | 7.3 | 6.6 |
| NNE | 1.2 | 1.6 | 2.6 | 1.9 | | | | | | | | 7.3 | 7.7 |
| NE | 1.6 | 2.6 | 2.2 | 2.1 | .1 | | | | | | | 3.5 | 7.6 |
| ENE | .9 | 3.7 | 5.4 | 7.4 | 1.1 | | | | | | | 13.6 | 9.2 |
| E | 3.7 | 5.5 | 4.4 | 3.9 | .7 | | | | | | | 17.8 | 7.3 |
| ESE | 2.0 | 2.2 | 2.1 | .6 | | | | | | | | 6.9 | 3.8 |
| SE | 1.7 | 2.3 | 1.1 | | | | | | | | | 5.1 | 4.7 |
| SSE | .5 | 1.5 | .1 | | | | | | | | | 2.5 | 4.3 |
| S | 1.2 | .4 | 1.2 | .3 | | | | | | | | 3.2 | 5.4 |
| SSW | 1.1 | .4 | .2 | | | | | | | | | 1.7 | 2.8 |
| SW | .2 | .4 | .1 | .1 | | | | | | | | 1.4 | 4.4 |
| WSW | .5 | 1.1 | .3 | .1 | | | | | | | | 3.3 | 4.7 |
| W | .9 | 2.2 | .7 | | | | | | | | | 2.1 | 4.5 |
| WNW | .6 | .4 | .1 | | | | | | | | | 1.5 | 4.2 |
| NW | 1.3 | .3 | .6 | .2 | | | | | | | | 1.2 | 2.5 |
| NNW | 1.3 | 1.5 | .3 | .3 | | | | | | | | 3.4 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 21.4 | 29.4 | 22.2 | 14.5 | 1.5 | | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 229

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1981 KENNEDY SPACE CENTER FL 68-7-73-21
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
OCT
MONTH
ALL
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.4 | 2.1 | 2.5 | 1.9 | .1 | | | | | | | 1.7 | 7.6 |
| NNE | 1.2 | 2.1 | 3.1 | 2.6 | .3 | | | | | | | 4.2 | 5.5 |
| NE | .4 | 2.6 | 3.6 | 3.1 | .1 | | | | | | | 16.3 | 5.6 |
| ENE | 1.1 | 2.4 | 3.9 | 3.7 | .5 | .1 | | | | | | 15.1 | 5.9 |
| E | 2.4 | 5.1 | 5.2 | 3.5 | .7 | | | | | | | 16.4 | 7.6 |
| ESE | 1.4 | 2.1 | 2.1 | .7 | .7 | | | | | | | 6.2 | 6.4 |
| SE | .9 | 1.4 | .6 | .4 | .7 | .1 | | | | | | 3.4 | 6.1 |
| SSE | .5 | 1.2 | .7 | .2 | | .1 | | | | | | 2.6 | 5.9 |
| S | .5 | .1 | .4 | .3 | | | | | | | | 2.6 | 6.5 |
| SSW | .5 | .5 | .4 | .1 | | | | | | | | 1.6 | 5.3 |
| SW | .5 | .5 | .4 | .1 | | | | | | | | 1.7 | 5.5 |
| WSW | .7 | .1 | .6 | .1 | | | | | | | | 2.3 | 5.2 |
| W | 1.1 | 1.7 | .6 | .1 | | | | | | | | 3.8 | 5.2 |
| WNW | .9 | 1.5 | .6 | .1 | | | | | | | | 3.1 | 5.5 |
| NW | 1.2 | 1.5 | .7 | .2 | | | | | | | | 3.9 | 5.2 |
| NNW | 1.2 | 1.6 | 1.1 | .7 | .1 | | | | | | | 4.6 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 16.6 | 28.6 | 27.3 | 17.9 | 1.3 | .6 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12-05 KENNEDY SPACE CENTER FL STATION NAME 60-70, 73-80 YEARS NO.
MONTH 0000-0000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.4 | 1.0 | 1.2 | .1 | | | | | | | 1.3 | 1.3 |
| NNE | .7 | 1.2 | 1.2 | .7 | | | | | | | | 3.3 | 5.5 |
| NE | .4 | 1.2 | 1.0 | .3 | | | | | | | | 3.0 | 6.7 |
| ENE | 1.2 | 1.6 | 1.9 | 1.7 | | | | | | | | 5.7 | 6.7 |
| E | 2.1 | 3.7 | 3.0 | .7 | | | | | | | | 9.4 | 6.7 |
| ESE | 2.3 | 2.7 | 1.1 | .3 | | | | | | | | 6.6 | 4.9 |
| SE | .7 | 2.7 | .7 | | | | | | | | | 1.2 | 4.6 |
| SSE | 1.7 | 2.7 | .7 | .1 | | | | | | | | 4.2 | 4.4 |
| S | 1.6 | 2.0 | .6 | .1 | | | | | | | | 4.2 | 4.6 |
| SSW | 1.4 | .9 | .7 | .3 | | | | | | | | 3.2 | 5.5 |
| SW | 1.2 | .6 | .3 | .1 | | | | | | | | 2.2 | 4.4 |
| WSW | 1.2 | 1.7 | | | | | | | | | | 2.2 | 3.4 |
| W | 2.1 | 3.7 | .8 | .1 | | | | | | | | 6.7 | 4.6 |
| WNW | 1.8 | 2.7 | 1.4 | .3 | | | | | | | | 5.6 | 5.3 |
| NW | 2.3 | 5.1 | 2.7 | 1.9 | | | | | | | | 12.4 | 6.1 |
| NNW | 2.9 | 3.4 | 1.2 | .8 | | | | | | | | 3.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.6 | |
| | 25.4 | 35.4 | 18.4 | 8.0 | .1 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-81 STATION KEENEY SPACE CENTER FL STATION NAME 69-70.77-80 YEARS 40
MONTH 300-0500
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.1 | 2.1 | 1.7 | 1.2 | .1 | | | | | | | 5.6 | 7.1 |
| NNE | .5 | 1.5 | .9 | .6 | | | | | | | | 3.5 | 6.4 |
| NE | .5 | 1.6 | 1.7 | .6 | | | | | | | | 4.0 | 6.5 |
| ENE | 1.4 | 2.7 | .6 | .6 | | | | | | | | 4.6 | 5.6 |
| E | 2.6 | 3.1 | 1.9 | .9 | | | | | | | | 4.3 | 5.5 |
| ESE | 2.1 | 1.5 | 1.4 | .1 | | | | | | | | 4.7 | 4.9 |
| SE | 1.6 | 1.4 | .3 | | | | | | | | | 3.3 | 4.1 |
| SSE | .4 | 1.3 | .2 | | | | | | | | | 2.0 | 4.6 |
| S | .7 | 1.2 | .8 | .2 | | | | | | | | 4.2 | 4.5 |
| SSW | .3 | 1.2 | .4 | .1 | | | | | | | | 2.6 | 5.0 |
| SW | 1.1 | 1.7 | .6 | | | | | | | | | 2.7 | 4.2 |
| WSW | 1.5 | 1.2 | .2 | .1 | | | | | | | | 2.1 | 4.5 |
| W | 2.4 | 3.2 | .8 | | | | | | | | | 7.0 | 4.3 |
| WNW | 2.5 | 3.7 | 1.7 | .2 | | | | | | | | 6.6 | 4.5 |
| NW | 2.9 | 4.4 | 4.4 | 1.8 | .1 | | | | | | | 14.7 | 6.3 |
| NNW | 2.7 | 4.4 | 2.4 | 1.2 | | | | | | | | 10.3 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.8 | |
| | 7.3 | 34.9 | 13.2 | 7.6 | .2 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11-26 STATION KENNEDY SPACE CENTER FL 65-70, 77-80 YEARS NOV MONTH 1980-1980 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.3 | 1.6 | 1.3 | 1.7 | | | | | | | | 1.9 | 5.2 |
| NNE | 1.1 | 1.7 | .8 | .6 | | | | | | | | 2.4 | 6.1 |
| NE | .7 | 1.6 | 1.3 | .2 | | | | | | | | 3.8 | 6.3 |
| ENE | 1.7 | 1.2 | 1.7 | .9 | | | | | | | | 5.1 | 6.3 |
| E | 2.1 | 2.7 | 1.2 | .4 | | | | | | | | 6.3 | 5.2 |
| ESE | 1.4 | 2.2 | .4 | .3 | | | | | | | | 4.4 | 4.5 |
| SE | .2 | 1.2 | .1 | | | | | | | | | 1.1 | 4.5 |
| SSE | 1.0 | 1.1 | .4 | .1 | | | | | | | | 2.7 | 4.2 |
| S | 1.4 | 1.3 | .7 | .1 | | | | | | | | 3.6 | 4.7 |
| SSW | 1.4 | .5 | .2 | | | | | | | | | 3.1 | 4.4 |
| SW | .0 | .4 | .4 | | | | | | | | | 1.3 | 4.2 |
| WSW | 1.4 | .2 | .2 | | | | | | | | | 1.9 | 3.5 |
| W | 2.1 | 1.2 | .6 | | | | | | | | | 4.4 | 4.3 |
| WNW | 2.3 | 3.7 | 1.0 | .2 | | | | | | | | 7.7 | 4.7 |
| NW | 3.3 | 5.1 | 3.7 | 1.2 | .1 | | | | | | | 13.2 | 6.0 |
| NNW | 3.0 | 4.0 | 2.4 | 2.6 | | | | | | | | 12.0 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.6 | |
| | 22.3 | 32.3 | 19.4 | 8.2 | .1 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1.8 KENNEDY SPACE CENTER FL STATION NAME 62-76.73-50 YEARS NOV
MONTH 900-1100
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.2 | 5.0 | 3.1 | .7 | .1 | | | | | | 10.1 | 7.2 |
| NNE | .7 | 1.9 | 2.2 | 1.6 | | | | | | | | 6.2 | 7.9 |
| NE | .4 | 1.4 | 1.8 | 1.4 | | | | | | | | 3.1 | 8.0 |
| ENE | .3 | 1.7 | 2.2 | 2.1 | | | | | | | | 6.9 | 3.5 |
| E | .2 | 2.7 | 4.3 | 1.1 | | | | | | | | 9.0 | 7.4 |
| ESE | .4 | 2.1 | 2.1 | .3 | | | | | | | | 5.0 | 6.8 |
| SE | .2 | 1.2 | 2.0 | .6 | | | | | | | | 4.0 | 7.7 |
| SSE | .1 | .6 | 1.4 | .3 | | | | | | | | 2.4 | 7.6 |
| S | .6 | 1.7 | 1.6 | .7 | | | | | | | | 4.4 | 7.2 |
| SSW | 1.2 | .3 | 1.1 | 1.0 | | | | | | | | 4.1 | 7.2 |
| SW | .7 | .9 | 1.2 | | | | | | | | | 2.8 | 6.2 |
| WSW | .7 | 1.2 | .6 | .2 | | | | | | | | 2.8 | 5.5 |
| W | 1.1 | 1.8 | 1.3 | .6 | .1 | | | | | | | 4.8 | 6.5 |
| WNW | .7 | 1.7 | 1.4 | .1 | | | | | | | | 3.9 | 5.8 |
| NW | 1.4 | 3.1 | 3.2 | 2.9 | | | | | | | | 10.7 | 7.9 |
| NNW | 1.2 | 3.7 | 5.0 | 2.7 | .3 | | | | | | | 12.9 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.9 | |
| | 11.6 | 28.6 | 37.1 | 18.7 | 1.1 | .1 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1050 KENNEDY SPACE CENTER FL STATION NAME 69-70, 17-40 YEARS NOV MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 2.3 | 6.1 | 3.1 | .4 | .1 | | | | | | 17.3 | 10.2 |
| NNE | 1.7 | 1.3 | 5.1 | 2.4 | .1 | | | | | | | 10.4 | 5.6 |
| NE | .4 | 2.4 | 3.1 | 1.7 | | | | | | | | 7.7 | 6.3 |
| ENE | .4 | .9 | 3.0 | 1.4 | | | | | | | | 6.7 | 6.5 |
| E | .4 | 2.4 | 4.3 | 2.1 | | | | | | | | 3.3 | 3.1 |
| ESE | .2 | 2.3 | 3.6 | .4 | | | | | | | | 6.6 | 7.2 |
| SE | .1 | .3 | 2.1 | 1.4 | .1 | | | | | | | 4.7 | 3.9 |
| SSE | .1 | 1.1 | 2.3 | 1.7 | | | | | | | | 5.7 | 3.7 |
| S | .2 | 1.3 | 1.3 | .9 | .1 | | | | | | | 4.2 | 3.6 |
| SSW | .1 | .4 | .6 | .2 | | | | | | | | 1.3 | 3.1 |
| SW | .2 | .6 | 1.4 | .4 | | | | | | | | 2.7 | 7.8 |
| WSW | .2 | .3 | 1.6 | .4 | | | | | | | | 3.6 | 3.1 |
| W | .7 | 1.3 | 1.2 | .3 | | | | | | | | 4.0 | 6.7 |
| WNW | .1 | 1.3 | 1.2 | 1.2 | | | | | | | | 3.7 | 2.6 |
| NW | .1 | 1.3 | 2.3 | 1.7 | | | | | | | | 4.6 | 3.2 |
| NNW | .1 | 1.3 | 2.4 | 3.0 | .3 | | | | | | | 7.3 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 4.9 | 22.8 | 43.3 | 26.9 | 1.0 | .1 | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100 STATION NAME WINDY PASS CENTER FL YEARS 67-70, 72-74 MONTH NOV
CLASS ALL CALLED HOURS (L.S.T.) 1500-1700
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 5.4 | 7.6 | 5.6 | .7 | | | | | | | 21.3 | 4.4 |
| NNE | .6 | 3.7 | 4.7 | 1.7 | .1 | | | | | | | 10.1 | 7.8 |
| NE | 1.6 | 2.4 | 2.6 | .7 | | | | | | | | 7.8 | 6.4 |
| ENE | 1.7 | 2.7 | 3.7 | .4 | | | | | | | | 7.8 | 5.6 |
| E | 1.3 | 5.1 | 4.1 | 1.0 | | | | | | | | 11.4 | 6.3 |
| ESE | 1.4 | 3.1 | 2.1 | .4 | | | | | | | | 7.0 | 5.7 |
| SE | 1.4 | 1.7 | 1.4 | .4 | | | | | | | | 5.0 | 3.8 |
| SSE | .7 | 1.4 | 2.4 | .9 | | | | | | | | 5.4 | 7.4 |
| S | .3 | .4 | 2.4 | .7 | | | | | | | | 3.1 | 7.8 |
| SSW | .2 | .7 | .2 | .7 | | | | | | | | .1 | .1 |
| SW | | .1 | .4 | .1 | | | | | | | | .7 | 5.0 |
| WSW | .2 | .5 | .4 | | | | | | | | | 1.6 | 5.7 |
| W | .7 | 1.2 | 1.6 | .6 | | | | | | | | 3.7 | 7.3 |
| WNW | .4 | 1.3 | 1.0 | .6 | | | | | | | | 4.1 | 7.4 |
| NW | .2 | .3 | 1.1 | .3 | .1 | | | | | | | .7 | 5.0 |
| NNW | .2 | .2 | 2.3 | 1.1 | .3 | | | | | | | 5.4 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 12.7 | 32.1 | 35.0 | 14.1 | .8 | | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 400

U.S. AIR CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AT THE WEATHER SERVICE/MAA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WASLEY SPACE CENTER FL STATION NAME 60-71, 72-1 YEARS 1960-1961 MONTH NOV
 CLASS ALL AIRMEN
 HOURS (L.S.T.) 22 00-01 00
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.7 | 4.8 | 2.5 | 1.6 | | | | | | | | 13.3 | 3.6 |
| NNE | 1.0 | 2.2 | 2.2 | 1.1 | | | | | | | | 6.5 | 3.0 |
| NE | 1.1 | 1.2 | 1.8 | .6 | | | | | | | | 5.7 | 3.0 |
| ENE | 1.9 | 2.1 | 1.8 | .7 | | | | | | | | 5.5 | 3.0 |
| E | 4.6 | 4.5 | 1.8 | .7 | | | | | | | | 11.6 | 4.0 |
| ESE | 2.4 | 1.7 | .9 | .2 | | | | | | | | 5.2 | 4.4 |
| SE | 2.3 | 1.6 | .2 | | | | | | | | | 4.1 | 3.7 |
| SSE | 1.4 | 2.8 | 1.2 | .3 | | | | | | | | 5.7 | 3.6 |
| S | .8 | 2.2 | .7 | .1 | | | | | | | | 4.3 | 4.7 |
| SSW | .2 | .2 | .7 | | | | | | | | | 1.2 | 5.0 |
| SW | .2 | .2 | .1 | | | | | | | | | .7 | 4.3 |
| WSW | .2 | .3 | .2 | | | | | | | | | 1.5 | 4.6 |
| W | .7 | 2.2 | .7 | .2 | .1 | | | | | | | 5.6 | 4.3 |
| WNW | .6 | 1.2 | .8 | .3 | | | | | | | | 3.9 | 3.1 |
| NW | 1.1 | .9 | 1.7 | .4 | | .1 | | | | | | 2.6 | 3.7 |
| NNW | 1.6 | 2.4 | 1.4 | .2 | .1 | | | | | | | 5.7 | 3.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 23.5 | 32.2 | 13.8 | 5.6 | .2 | .1 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 50-10, 73-0 YEARS 1961-1970 MONTH 1-12
CLASS ALL WEATHER
CONDITION ALL WEATHER
HOURS (L.S.T.) 0000-2359

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 3.7 | 2.3 | 1.2 | | | | | | | | 1.0 | 4.4 |
| NNE | 1.4 | 2.1 | 1.7 | 1.0 | | | | | | | | 1.0 | 4.5 |
| NE | 1.0 | 1.7 | 1.1 | .9 | | | | | | | | 4.0 | 4.7 |
| ENE | 1.0 | 1.0 | 1.1 | .6 | | | | | | | | 3.7 | 5.0 |
| E | 2.2 | 3.7 | 1.1 | 1.0 | | | | | | | | 11.0 | 5.8 |
| ESE | 2.6 | 3.2 | .7 | .0 | | | | | | | | 2.7 | 4.2 |
| SE | 2.2 | 1.0 | .0 | .0 | | | | | | | | 4.0 | 4.0 |
| SSE | 1.3 | 2.1 | 1.1 | .2 | | | | | | | | 5.0 | 4.0 |
| S | 1.2 | 1.7 | .5 | .0 | | | | | | | | 4.0 | 3.1 |
| SSW | .4 | .0 | .4 | .1 | | | | | | | | 1.0 | 1.0 |
| SW | .0 | .4 | .2 | | | | | | | | | 1.0 | 4.0 |
| WSW | .0 | .0 | | | | | | | | | | 1.0 | 4.0 |
| W | 1.1 | 2.0 | 1.3 | .7 | | | | | | | | 4.0 | 3.4 |
| WNW | 1.2 | 2.1 | 1.3 | .0 | | | | | | | | 4.0 | 3.5 |
| NW | 1.2 | 2.3 | 2.2 | .9 | | | | | | | | 7.7 | 5.0 |
| NNW | .0 | 2.1 | 1.1 | .4 | | | | | | | | 5.0 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 27.6 | 31.2 | 19.6 | 8.5 | | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 897

U.S. AIR FORCE
 1. AF TAC
 AIR WEATHER SERVICE AMAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION KENNEDY SPACE CENTER FL STATION NAME 64-70.77-11 YEARS ALL
 CLASS ALL MONTH ALL
 HOURS (L.S.T.) ALL
 CONDITION ALL

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.0 | 2.0 | 3.0 | 2.9 | .3 | .1 | | | | | | 11.2 | 6.1 |
| NNE | 1.1 | 3.1 | 2.8 | 1.2 | .1 | | | | | | | 6.5 | 7.2 |
| NE | .3 | 1.7 | 1.9 | .3 | | | | | | | | 5.1 | 6.9 |
| ENE | 1.2 | 1.8 | 2.3 | 1.7 | | | | | | | | 7.6 | 5.6 |
| E | 1.2 | 3.5 | 3.1 | 1.7 | | | | | | | | 6.8 | 6.1 |
| ESE | 1.3 | 2.7 | 1.9 | .3 | | | | | | | | 5.8 | 5.4 |
| SE | 1.1 | 1.5 | .3 | .7 | .7 | | | | | | | 7.8 | 5.6 |
| SSE | .9 | 1.3 | 1.3 | .5 | | | | | | | | 4.2 | 6.2 |
| S | 1.1 | 1.4 | 1.1 | .7 | .1 | | | | | | | 2.9 | 5.9 |
| SSW | .2 | .7 | .6 | .2 | | | | | | | | 2.3 | 5.2 |
| SW | .7 | .5 | .6 | .1 | | | | | | | | 1.2 | 5.4 |
| WSW | .3 | .5 | .4 | .1 | | | | | | | | 2.1 | 4.9 |
| W | 1.7 | 2.4 | 1.7 | .3 | .1 | | | | | | | 2.4 | 5.2 |
| WNW | 1.4 | 2.1 | 1.2 | .5 | | | | | | | | 1.2 | 5.7 |
| NW | 1.2 | 3.1 | 2.9 | 1.4 | .1 | .1 | | | | | | 9.3 | 6.6 |
| NNW | 1.1 | 2.2 | 2.7 | 1.5 | .1 | | | | | | | 5.5 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 10.4 | 31.2 | 24.5 | 12.3 | .4 | .2 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 7105

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME KENNEDY SPACE CENTER FL YEARS 63-70, 72-79 MONTH ALL
CLASS ALL WEATHER
CONDITION ALL WEATHER
HOURS (L.S.T.) 0000-2359

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .8 | 2.7 | 2.2 | 1.0 | | | | | | | | 2.4 | 7.4 |
| NNE | .7 | 1.7 | .9 | .2 | | | | | | | | 1.4 | 5.5 |
| NE | .6 | .4 | .4 | .1 | | | | | | | | 1.4 | 4.1 |
| ENE | .6 | 1.1 | 1.3 | .1 | | | | | | | | 1.2 | 6.2 |
| E | .4 | 2.5 | 2.7 | 1.1 | | | | | | | | 6.9 | 7.4 |
| ESE | .8 | 1.7 | 1.3 | | | | | | | | | 1.8 | 5.7 |
| SE | .6 | .8 | 1.1 | .3 | | | | | | | | 2.8 | 5.5 |
| SSE | .5 | 2.3 | .5 | .2 | | | | | | | | 4.8 | 5.4 |
| S | .3 | 2.2 | 1.5 | .7 | | | | | | | | 7.3 | 2.4 |
| SSW | 1.1 | 3.1 | 1.7 | 1.1 | | | | | | | | 7.7 | 6.4 |
| SW | 1.4 | 1.7 | 1.1 | | | | | | | | | 4.3 | 4.9 |
| WSW | 1.2 | 1.7 | .4 | | | | | | | | | 3.3 | 4.4 |
| W | 2.3 | 4.3 | 1.2 | .3 | | | | | | | | 6.1 | 6.6 |
| WNW | .1 | 4.1 | 2.5 | .3 | .1 | | | | | | | 9.5 | 6.1 |
| NW | 2.0 | 4.2 | 4.6 | 2.2 | | | | | | | | 13.8 | 6.8 |
| NNW | 2.5 | 3.4 | 2.5 | .6 | | | | | | | | 8.6 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 19.7 | 38.9 | 26.3 | 8.3 | .1 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 930

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1049 STATION NAME KENNEDY SPACE CENTER FL YEARS 58-70, 77-79 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.2 | 1.3 | 1.3 | | | | | | | | .5 | 5.7 |
| NNE | .7 | .3 | | | | | | | | | | .1 | 7.0 |
| NE | .2 | .9 | .4 | .2 | | | | | | | | 1.0 | 5.4 |
| ENE | .5 | 1.6 | .3 | .1 | | | | | | | | .7 | 5.4 |
| E | .5 | 2.3 | 2.3 | 1.2 | | | | | | | | 3.2 | 7.4 |
| ESE | 1.2 | 1.2 | 1.5 | .2 | | | | | | | | 4.1 | 5.4 |
| SE | .8 | .5 | .3 | | | | | | | | | 3.7 | 5.3 |
| SSE | .3 | 1.3 | 1.1 | .4 | | | | | | | | 2.4 | 6.4 |
| S | 1.9 | 3.2 | 1.9 | .6 | | | | | | | | 7.7 | 5.7 |
| SSW | 1.7 | 1.6 | 1.3 | 1.2 | | | | | | | | 5.5 | 6.6 |
| SW | 1.7 | 1.1 | .6 | .2 | | | | | | | | 3.7 | 4.6 |
| WSW | 1.7 | 1.2 | | | | | | | | | | 2.9 | 3.5 |
| W | 4.2 | 3.7 | 1.1 | .4 | | | | | | | | 5.4 | 4.6 |
| WNW | 1.9 | 3.7 | 3.1 | 1.1 | | | | | | | | 5.7 | 6.2 |
| NW | 3.3 | 7.5 | 4.6 | 2.1 | .1 | | | | | | | 12.7 | 6.6 |
| NNW | 1.4 | 4.3 | 2.5 | .8 | | | | | | | | 5.9 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 22.5 | 36.2 | 23.3 | 10.9 | .1 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 530

U.S. AIR FORCE
CLIMATE BRANCH
U.S. AIR FORCE
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 61-70.77-79 YEARS 1950-1951
CLASS ALL WEATHER MONTH 08-09-1951
CONDITION ALL WEATHER HOURS (L.S.T.) 0800-1900

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .9 | 1.2 | 1.2 | 1.2 | | | | | | | | 4.1 | 6.5 |
| NNE | .9 | .1 | .7 | .1 | | | | | | | | 1.8 | 2.7 |
| NE | .5 | .6 | .2 | .2 | | | | | | | | 1.5 | 2.5 |
| ENE | .4 | 1.1 | .6 | .7 | | | | | | | | 2.9 | 3.5 |
| E | .2 | 1.3 | 1.6 | .8 | | | | | | | | 4.4 | 7.3 |
| ESE | 1.7 | 1.1 | 1.4 | .2 | | | | | | | | 3.7 | 6.1 |
| SE | .3 | .9 | .4 | .2 | | | | | | | | 1.2 | 6.4 |
| SSE | .5 | .5 | 1.1 | .3 | .1 | | | | | | | 3.6 | 7.5 |
| S | 1.7 | 2.1 | 2.4 | 1.2 | | | | | | | | 7.3 | 9.6 |
| SSW | 1.3 | 1.5 | 1.3 | .6 | | | | | | | | 4.7 | 6.6 |
| SW | 2.4 | 1.3 | .9 | .1 | | | | | | | | 4.5 | 4.3 |
| WSW | 2.1 | 1.2 | .2 | .1 | | | | | | | | 3.5 | 3.7 |
| W | 3.7 | 2.6 | 1.2 | .2 | .1 | | | | | | | 7.1 | 4.7 |
| WNW | 1.2 | 4.1 | 2.5 | .6 | .2 | | | | | | | 11.2 | 5.5 |
| NW | 3.5 | 7.4 | 6.7 | 2.4 | | | | | | | | 21.6 | 5.6 |
| NNW | 3.2 | 4.5 | 1.7 | 1.2 | | | | | | | | 16.1 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 25.1 | 33.7 | 23.2 | 5.6 | .4 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 430

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION KENNEDY SPACE CENTER FL STATION NAME 58-72,73-79 YEARS 58-79 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) 000-2359
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .0 | 1.2 | .4 | 2.0 | .1 | | | | | | | 1.6 | 2.0 |
| NNE | .1 | 1.1 | 1.5 | .5 | | | | | | | | 1.7 | 2.1 |
| NE | .1 | .3 | .5 | .6 | | | | | | | | 1.7 | 2.9 |
| ENE | .1 | .2 | .5 | .5 | | | | | | | | 1.3 | 2.6 |
| E | .2 | .3 | 2.1 | 1.2 | .2 | | | | | | | 1.7 | 2.9 |
| ESE | .1 | .5 | 2.7 | .6 | | | | | | | | 1.4 | 3.3 |
| SE | .5 | .4 | .9 | .5 | | | | | | | | 2.9 | 1.3 |
| SSE | .2 | .5 | 1.6 | .2 | | | | | | | | 1.4 | 2.6 |
| S | 1.3 | 1.4 | 3.4 | 2.5 | .1 | | | | | | | 1.7 | 2.6 |
| SSW | .3 | 1.1 | 1.4 | 1.1 | .1 | | | | | | | 4.7 | 2.6 |
| SW | .5 | 2.7 | 2.7 | .3 | | | | | | | | 1.1 | 2.9 |
| WSW | .5 | 2.6 | .6 | .4 | | | | | | | | 4.3 | 2.9 |
| W | 1.4 | 2.2 | 1.7 | 1.5 | .2 | | | | | | | 7.2 | 2.6 |
| WNW | .3 | 1.3 | 1.8 | 2.3 | .1 | .1 | | | | | | 2.3 | 2.9 |
| NW | 1.3 | 3.1 | 6.9 | 3.1 | | | | | | | | 14.4 | 2.1 |
| NNW | 1.4 | 3.2 | 5.5 | 2.2 | .3 | | | | | | | 13.2 | 2.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 10.2 | 21.4 | 39.6 | 22.2 | 1.2 | .1 | | | | | | 110.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 931

DISTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PLANEDY SPACE CENTER FL STATION NAME 64-70.73-79 YEARS DEC
MONTH 12-1971
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 3.4 | 5.6 | 7.1 | .4 | | | | | | | 11.3 | 14.0 |
| NNE | .7 | 2.4 | 2.2 | .9 | | | | | | | | 5.5 | 7.2 |
| NE | .5 | .3 | 1.1 | .9 | | | | | | | | 3.2 | 7.4 |
| ENE | .7 | 1.3 | 2.4 | .6 | | | | | | | | 4.5 | 7.4 |
| E | .5 | 1.5 | 2.8 | 1.1 | .7 | | | | | | | 5.3 | 8.4 |
| ESE | | 1.1 | 1.3 | .9 | | | | | | | | 3.5 | 8.6 |
| SE | .7 | .3 | 1.9 | 1.4 | | | | | | | | 3.9 | 9.2 |
| SSE | .2 | .5 | 3.4 | 1.1 | | | | | | | | 7.3 | 5.5 |
| S | .5 | 1.5 | 2.1 | 2.3 | | | | | | | | 7.8 | 8.4 |
| SSW | .4 | .5 | 2.3 | 1.1 | .2 | | | | | | | 4.6 | 9.0 |
| SW | | .9 | 2.0 | 1.5 | .1 | | | | | | | 4.5 | 9.3 |
| WSW | .1 | 1.5 | 1.3 | .5 | .1 | | | | | | | 3.5 | 7.8 |
| W | .7 | 1.4 | 1.5 | 2.5 | .5 | | | | | | | 6.1 | 10.5 |
| WNW | .4 | 1.4 | 2.3 | 2.2 | | | | | | | | 5.2 | 8.8 |
| NW | | 1.3 | 2.6 | 1.3 | | | | | | | | 5.2 | 8.6 |
| NNW | .2 | 1.2 | 3.3 | 4.1 | .2 | | | | | | | 9.1 | 16.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 4.7 | 21.3 | 40.1 | 31.1 | 1.9 | | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1786 STATION KENNEDY SPACE CENTER FL 64-70, 73-79 YEARS DEC MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.7 | 7.8 | 5.3 | .2 | | | | | | | 17.4 | 9.0 |
| NNE | 1.1 | 4.1 | 2.2 | .2 | | | | | | | | 7.4 | 5.6 |
| NE | 1.0 | 2.3 | 1.0 | .1 | | | | | | | | 4.3 | 5.4 |
| ENE | .9 | 1.6 | 1.2 | | .3 | | | | | | | 4.0 | 6.4 |
| E | 1.4 | 2.9 | 2.3 | 1.0 | .1 | | | | | | | 7.6 | 6.8 |
| ESE | .2 | 1.7 | 2.9 | .3 | | | | | | | | 5.2 | 7.1 |
| SE | 1.2 | 2.4 | 3.2 | .4 | | | | | | | | 7.2 | 6.7 |
| SSE | .1 | 2.6 | 4.2 | 1.8 | | | | | | | | 8.7 | 8.3 |
| S | .2 | 1.5 | 1.4 | 1.3 | | | | | | | | 4.5 | 8.0 |
| SSW | .2 | .4 | 1.1 | .2 | | | | | | | | 1.9 | 7.5 |
| SW | .3 | .8 | 1.0 | .3 | .2 | | | | | | | 2.6 | 8.3 |
| WSW | .2 | .9 | 1.4 | .2 | | | | | | | | 2.7 | 7.2 |
| W | 1.2 | 1.6 | 2.8 | 1.8 | .4 | .1 | | | | | | 8.0 | 8.6 |
| WNW | .4 | 1.6 | 2.1 | 1.2 | | | | | | | | 5.3 | 8.2 |
| NW | .2 | 1.2 | 1.1 | .6 | | | | | | | | 3.1 | 7.7 |
| NNW | 1.1 | 2.8 | 2.6 | 1.6 | .1 | | | | | | | 8.2 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 11.1 | 31.0 | 38.1 | 16.5 | 1.4 | .1 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1986 STATION KENNEDY SPACE CENTER FL 68-70, 73-79 YEARS 015 MONTH 15 0-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 3.6 | 4.1 | 4.3 | 1.5 | | | | | | | | 13.2 | 6.2 |
| NNE | 1.6 | 1.8 | .5 | .5 | | | | | | | | 4.5 | 5.3 |
| NE | 1.3 | 1.3 | .4 | .2 | | | | | | | | 3.2 | 4.9 |
| ENE | 1.8 | 1.4 | 1.1 | .2 | | | | | | | | 4.5 | 5.1 |
| E | 2.4 | 1.3 | 2.5 | .8 | | | | | | | | 6.9 | 6.3 |
| ESE | 1.1 | 3.1 | 1.2 | .1 | | | | | | | | 5.5 | 5.1 |
| SE | 1.2 | 1.5 | 1.4 | .2 | | | | | | | | 4.7 | 5.4 |
| SSE | 1.1 | 3.4 | 3.6 | .9 | | | | | | | | 8.9 | 6.6 |
| S | 1.1 | 1.5 | 2.3 | .2 | | | | | | | | 5.1 | 5.9 |
| SSW | .4 | 1.6 | 1.3 | .3 | | | | | | | | 3.7 | 6.5 |
| SW | | .9 | 1.2 | .2 | | | | | | | | 1.9 | 7.6 |
| WSW | .3 | .6 | .8 | .2 | | | | | | | | 1.9 | 6.7 |
| W | .3 | 2.3 | 1.6 | 1.1 | | | | | | | | 6.2 | 6.8 |
| WNW | .7 | 2.2 | 1.4 | .4 | | | | | | | | 6.7 | 5.7 |
| NW | 1.6 | 2.5 | 2.5 | | | | | | | | | 6.6 | 5.6 |
| NNW | 1.5 | 4.2 | 1.3 | .1 | | | | | | | | 7.1 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 51.8 | 34.6 | 27.0 | 7.0 | | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 928

CENTRAL CLIMATOLOGY BRANCH
 C. M. TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10-25 STATION KENNEDY SPACE CENTER FL 60-70, 77-79 YEARS DEC MONTH
ALL WEATHER CLASS 1100-2000 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | .1 | 3.7 | 3.5 | 1.7 | | | | | | | | 5.9 | 6.3 |
| NNE | .1 | 1.3 | .9 | .4 | | | | | | | | 3.2 | 5.1 |
| NE | .9 | 1.1 | .6 | .4 | | | | | | | | 3.5 | 6.1 |
| ENE | .4 | 1.3 | .4 | .9 | | | | | | | | 3.0 | 7.3 |
| E | .4 | 1.4 | 3.5 | .5 | | | | | | | | 5.9 | 7.2 |
| ESE | 1.2 | 2.5 | 1.4 | .1 | | | | | | | | 5.2 | 5.4 |
| SE | .4 | 1.3 | .5 | .5 | | | | | | | | 3.6 | 6.4 |
| SSE | 1.2 | 2.4 | 1.9 | .2 | | | | | | | | 5.7 | 5.6 |
| S | 1.7 | 4.1 | 2.5 | .8 | | | | | | | | 5.1 | 6.5 |
| SSW | .6 | 1.1 | 1.9 | .3 | | | | | | | | 4.0 | 6.9 |
| SW | 1.2 | 1.9 | .4 | .8 | | | | | | | | 4.6 | 6.1 |
| WSW | .9 | 1.4 | .8 | .1 | | | | | | | | 3.3 | 5.3 |
| W | 2.1 | 2.4 | 1.7 | .8 | | | | | | | | 7.3 | 5.6 |
| WNW | 1.8 | 2.2 | 2.5 | 1.1 | .1 | | | | | | | 5.3 | 6.6 |
| NW | 2.0 | 4.2 | 3.0 | 1.2 | | | | | | | | 5.5 | 9.5 |
| NNW | 1.1 | 2.4 | 2.2 | | | | | | | | | 5.6 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.5 | |
| | 19.1 | 36.6 | 26.2 | 5.5 | .1 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12-50 STATION NAME WANNING SPACE CENTER FL YEARS 68-70, 73-79 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.7 | 3.7 | 2.6 | .1 | | | | | | | 1.5 | |
| NNE | .7 | 1.6 | 1.1 | .4 | | | | | | | | 2.2 | 6.1 |
| NE | .6 | .3 | .6 | .2 | | | | | | | | 2.5 | 6.1 |
| ENE | .6 | 1.3 | 1.2 | .3 | .1 | | | | | | | 3.5 | 6.6 |
| E | .3 | 1.5 | 2.6 | 1.5 | .1 | | | | | | | 4.3 | 7.4 |
| ESE | .7 | 1.6 | 1.7 | .3 | | | | | | | | 4.3 | 6.4 |
| SE | .7 | 1.2 | 1.3 | .5 | | | | | | | | 3.6 | 6.7 |
| SSE | .6 | 1.7 | 2.2 | 1.5 | .7 | | | | | | | 5.5 | 7.4 |
| S | 1.4 | 2.3 | 2.4 | 1.1 | .7 | | | | | | | 7.2 | 6.7 |
| SSW | .3 | 1.4 | 1.5 | .7 | .7 | | | | | | | 4.5 | 7.2 |
| SW | .9 | 1.3 | 1.2 | .4 | .7 | | | | | | | 3.4 | 6.4 |
| WSW | .9 | 1.4 | .7 | .2 | .7 | | | | | | | 3.2 | 6.5 |
| W | 1.8 | 2.7 | 1.6 | 1.1 | .2 | .7 | | | | | | 7.3 | 6.6 |
| WNW | 1.7 | 2.6 | 2.2 | 1.2 | .1 | .7 | | | | | | 7.8 | 6.7 |
| NW | 1.3 | 4.5 | 3.9 | 1.7 | .7 | | | | | | | 11.4 | 6.9 |
| NNW | 1.4 | 3.3 | 2.7 | 1.4 | .1 | | | | | | | 6.9 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 16.4 | 32.6 | 30.5 | 14.4 | .7 | .2 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1968 STATION WENNEBOY SPACE CENTER FL STATION NAME 60-70.77-80 YEARS ALL
MONTH ALL
CLASS ALL WEATHER
HOURS (L.S.T.) ALL
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.3 | 2.1 | 1.6 | .1 | .1 | | | | | | 1.5 | 7.7 |
| NNE | .5 | 1.2 | 1.4 | .7 | .1 | .1 | | | | | | 4.3 | 7.6 |
| NE | .7 | 1.7 | 1.7 | .6 | .1 | | | | | | | 3.9 | 6.5 |
| ENE | .9 | 1.7 | 1.9 | .9 | .1 | .1 | | | | | | 5.3 | 7.2 |
| E | 1.9 | 3.7 | 4.3 | 1.3 | .1 | .1 | .1 | | | | | 11.3 | 6.5 |
| ESE | 1.5 | 2.9 | 3.2 | .2 | | | | | | | | 8.7 | 6.5 |
| SE | 1.4 | 2.3 | 2.3 | .9 | .1 | .1 | | | | | | 6.9 | 6.5 |
| SSE | 1.1 | 2.2 | 2.4 | 1.4 | .1 | .1 | | | | | | 7.1 | 7.4 |
| S | 1.5 | 2.5 | 2.1 | 1.1 | .1 | .1 | .1 | | | | | 7.4 | 6.6 |
| SSW | 1.1 | 1.5 | 1.7 | .5 | .1 | .1 | | | | | | 4.2 | 6.2 |
| SW | .9 | 1.2 | 1.7 | .5 | .1 | .1 | .1 | | | | | 3.6 | 6.5 |
| WSW | .9 | 1.3 | 1.7 | .4 | .1 | .1 | .1 | .1 | | | | 3.7 | 6.4 |
| W | 1.4 | 2.7 | 1.3 | .7 | .1 | .1 | .1 | | | | | 5.6 | 6.4 |
| WNW | 1.7 | 1.7 | 1.7 | .5 | .1 | .1 | .1 | | | | | 3.9 | 6.5 |
| NW | 1.1 | 1.7 | 1.4 | .7 | .1 | .1 | | | | | | 5.0 | 6.6 |
| NNW | 1.1 | 1.7 | 1.3 | 1.0 | .1 | .1 | | | | | | 5.1 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 15.6 | 30.1 | 29.1 | 13.4 | .8 | .1 | .1 | .1 | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 67023

JOINT CLIMATE BRANCH
USAFETAC
AT WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-21 ANNEX PAC CENTER FI 04-70,73-30 YEARS ALL MONTH ALL
INSTRUMENT CLASS
CONDITION QIG 100 TO 1400 FT W/ VSBY 1/2 MI OR MORE
AND/OR VSBY 1/2 TO 1-1/2 MI W/ QIG 100 FT OR MORE HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N | 1.2 | 3.1 | 2.2 | 1.7 | .7 | | | | | | | 1.2 | 2.5 |
| NNE | .4 | .5 | .2 | .2 | | .1 | | | | | | .8 | 3.1 |
| NE | .4 | .7 | .5 | .7 | | | | | | | | 1.3 | 7.4 |
| ENE | .1 | .3 | .7 | .2 | | .1 | .1 | .1 | | | | 1.2 | 12.6 |
| E | .5 | .2 | .8 | .6 | | .7 | .1 | | | | | 1.3 | 3.4 |
| ESE | .3 | .4 | .4 | .4 | .7 | | | | | | | 1.2 | 7.5 |
| SE | .4 | .4 | .5 | .2 | .7 | | | | | | | 1.5 | 7.2 |
| SSE | .4 | .5 | .3 | .2 | | | | | | | | 1.4 | 5.9 |
| S | 1.8 | .8 | 1.4 | 1.4 | .7 | .7 | | | | | | 4.7 | 5.4 |
| SSW | .6 | 1.1 | 1.4 | 1.6 | .7 | .7 | | | | | | 4.3 | 7.8 |
| SW | .7 | 1.4 | 1.9 | .2 | .1 | .3 | .3 | | | | | 5.3 | 9.7 |
| WSW | 1.2 | 2.3 | 1.9 | .6 | .7 | | | .1 | | | | 5.6 | 5.6 |
| W | 2.2 | 2.7 | 1.5 | 1.7 | .2 | .3 | | | | | | 7.9 | 6.3 |
| WNW | 3.1 | 2.7 | 1.2 | 1.3 | .3 | .7 | .7 | | | | | 7.2 | 7.1 |
| NW | 3.1 | 2.5 | 2.3 | 2.7 | .1 | .1 | | | | | | 10.1 | 7.5 |
| NNW | 2.4 | 4.3 | 5.5 | 5.6 | .4 | .7 | | | | | | 10.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.8 | |
| | 15.1 | 23.9 | 26.9 | 21.1 | 1.5 | 1.1 | .5 | .1 | | | | 10.2 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 249

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|----------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | $\geq 2\frac{1}{2}$ | ≥ 2 | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | ≥ 1 | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | $\geq \frac{1}{16}$ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | | | | |
| 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| 1200 | | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| 400 | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

U.S. AIR FORCE METEOROLOGICAL SERVICE
 WINDY SPACE CENTER FL

CEILING VERSUS VISIBILITY

STATION 1 WINDY SPACE CENTER FL STATION NAME 69-77, 73-2 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

8-1-70
 HOURS 151

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/8 | ≥0 | ≥0 |
| NO CEILING | 54.3 | 57.9 | 54.4 | 55.8 | 54.5 | 59.5 | 59.5 | 59.5 | 59.5 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.4 | 61.4 |
| ≥20000 | 59.3 | 63.9 | 64.4 | 64.9 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 67.2 | 67.2 |
| IV 18000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 16000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 14000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 12000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 10000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 9000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 8000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 7000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 6000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 5000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 4500 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 4000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 3500 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 3000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 2500 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 2000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 1800 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 1500 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 1200 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 1000 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 900 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 800 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 700 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 600 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 500 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 400 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 300 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 200 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 100 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |
| IV 0 | 61.3 | 66.9 | 67.4 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 70.2 | 70.2 |

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL CLIMATOLOGY BRANCH
ETAC
METEOROLOGICAL SERVICE/440

CEILING VERSUS VISIBILITY

STATION NAME W. WILBY SPACE CENTER FL

69-70, 73-74

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7.17 - 7.17
HOURS 1.17

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 | ≥0 |
| NO CEILING | 49.5 | 55.3 | 57.1 | 57.7 | 58.2 | 58.3 | 58.6 | 58.6 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 20000 | 55.7 | 63.5 | 64.3 | 65.2 | 65.8 | 65.8 | 65.9 | 66.2 | 66.2 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| IV 18000 | 55.7 | 63.5 | 64.3 | 65.2 | 65.8 | 65.8 | 65.9 | 66.2 | 66.2 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| IV 16000 | 55.7 | 63.5 | 64.3 | 65.2 | 65.8 | 65.8 | 65.9 | 66.2 | 66.2 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| IV 14000 | 57.1 | 64.9 | 65.7 | 66.8 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| IV 12000 | 58.7 | 66.6 | 67.3 | 68.3 | 68.8 | 68.8 | 68.9 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 10000 | 61.4 | 69.6 | 71.2 | 71.2 | 71.8 | 71.8 | 71.9 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| IV 9000 | 62.3 | 70.4 | 71.2 | 72.0 | 72.7 | 72.7 | 72.7 | 72.8 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| IV 8000 | 62.3 | 70.4 | 71.4 | 72.3 | 72.9 | 72.9 | 73.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| IV 7000 | 62.3 | 71.1 | 71.8 | 72.7 | 73.3 | 73.3 | 73.4 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 6000 | 63.2 | 71.9 | 72.7 | 73.5 | 74.2 | 74.2 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| IV 5000 | 64.3 | 74.0 | 74.7 | 75.6 | 76.2 | 76.2 | 76.5 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| IV 4500 | 67.4 | 77.5 | 78.4 | 79.2 | 79.9 | 79.9 | 80.1 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| IV 4000 | 69.4 | 79.7 | 80.5 | 81.4 | 82.2 | 82.2 | 82.4 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 3500 | 71.5 | 82.0 | 82.8 | 83.8 | 84.5 | 84.5 | 84.7 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| IV 3000 | 72.6 | 84.3 | 85.2 | 86.1 | 87.3 | 87.3 | 87.7 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| IV 2500 | 73.7 | 85.2 | 86.1 | 87.2 | 88.4 | 88.4 | 88.8 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 2000 | 73.7 | 86.1 | 87.4 | 88.3 | 89.5 | 89.5 | 90.0 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 1800 | 74.1 | 86.9 | 88.1 | 89.1 | 90.3 | 90.3 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| IV 1500 | 74.1 | 87.4 | 88.6 | 89.7 | 91.0 | 91.0 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 1200 | 74.3 | 87.8 | 89.0 | 90.2 | 91.5 | 91.5 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| IV 1000 | 74.4 | 88.1 | 89.2 | 90.4 | 91.7 | 91.7 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 900 | 74.5 | 89.1 | 90.2 | 91.4 | 92.8 | 92.8 | 93.3 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 800 | 74.5 | 89.6 | 90.7 | 91.9 | 93.3 | 93.3 | 93.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 700 | 75.1 | 90.0 | 91.1 | 92.4 | 93.8 | 93.8 | 94.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IV 600 | 75.3 | 90.9 | 92.0 | 93.3 | 94.7 | 94.7 | 95.3 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| IV 500 | 75.3 | 91.5 | 92.6 | 94.0 | 95.4 | 95.4 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 400 | 75.3 | 91.7 | 92.8 | 94.2 | 95.6 | 95.6 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 300 | 75.3 | 91.7 | 92.8 | 94.2 | 95.6 | 95.6 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 200 | 75.3 | 91.7 | 92.8 | 94.4 | 95.8 | 95.8 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 100 | 75.3 | 91.7 | 92.8 | 94.4 | 95.8 | 95.8 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 0 | 75.3 | 91.7 | 92.8 | 94.4 | 95.8 | 95.8 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
CLIMATE CENTER
WRIGHT-PATTERSON AIR FORCE BASE
DAYTON, OHIO 45433-6150

CEILING VERSUS VISIBILITY

STATION NO. 2-15 STATION NAME WRIGHT-PATTERSON AIR FORCE BASE, OHIO YEARS 67-70, 73-80 MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENT
HOURS (15)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO CEILING | 43.1 | 43.7 | 44.7 | 44.3 | 45.9 | 45.9 | 46.3 | 47.5 | 47.5 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| IV 20000 | 43.3 | 53.7 | 54.7 | 55.6 | 56.9 | 56.9 | 57.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| IV 18000 | 43.3 | 53.7 | 55.7 | 56.6 | 57.1 | 57.1 | 58.1 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| IV 16000 | 43.3 | 54.4 | 55.7 | 56.3 | 57.6 | 57.6 | 58.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| IV 14000 | 47.7 | 55.5 | 56.4 | 57.5 | 58.8 | 58.8 | 59.3 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| IV 12000 | 49.3 | 57.1 | 58.5 | 59.3 | 60.3 | 60.3 | 61.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| IV 10000 | 50.3 | 60.3 | 61.6 | 62.7 | 64.1 | 64.1 | 65.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| IV 9000 | 52.3 | 61.7 | 63.1 | 64.1 | 65.4 | 65.4 | 66.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| IV 8000 | 52.4 | 62.8 | 64.1 | 65.2 | 66.5 | 66.5 | 67.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| IV 7000 | 53.7 | 63.5 | 65.1 | 66.1 | 67.4 | 67.4 | 68.3 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 6000 | 54.7 | 65.6 | 66.5 | 68.1 | 69.2 | 69.2 | 70.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 5000 | 55.3 | 66.8 | 67.3 | 68.9 | 70.2 | 70.2 | 71.1 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 4500 | 57.2 | 68.8 | 70.1 | 71.3 | 72.6 | 72.6 | 73.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| IV 4000 | 58.3 | 71.6 | 72.2 | 73.2 | 74.5 | 74.5 | 75.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 3500 | 60.3 | 73.5 | 75.1 | 76.2 | 77.5 | 77.5 | 78.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| IV 3000 | 61.3 | 74.9 | 75.3 | 77.6 | 78.8 | 78.8 | 80.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 2500 | 62.3 | 75.3 | 77.7 | 78.8 | 80.3 | 80.3 | 81.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| IV 2000 | 64.3 | 78.7 | 79.3 | 81.8 | 82.4 | 82.4 | 83.7 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 1800 | 64.1 | 78.4 | 79.3 | 81.2 | 82.8 | 82.8 | 84.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 1500 | 64.3 | 80.1 | 81.7 | 83.1 | 84.7 | 84.7 | 86.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IV 1200 | 65.1 | 80.4 | 82.3 | 83.4 | 85.1 | 85.1 | 86.6 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| IV 1000 | 65.3 | 81.1 | 82.3 | 84.3 | 85.9 | 85.9 | 87.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| IV 900 | 65.8 | 81.5 | 83.3 | 84.7 | 86.5 | 86.5 | 88.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| IV 800 | 65.3 | 81.7 | 83.4 | 84.9 | 86.8 | 86.8 | 88.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 700 | 65.3 | 82.4 | 84.1 | 85.6 | 87.4 | 87.4 | 88.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 600 | 66.3 | 83.3 | 84.9 | 86.5 | 88.3 | 88.3 | 89.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 500 | 66.3 | 83.7 | 85.4 | 86.9 | 88.7 | 88.7 | 90.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 400 | 66.3 | 83.6 | 85.5 | 87.1 | 88.9 | 88.9 | 90.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 300 | 66.3 | 83.3 | 85.3 | 87.1 | 89.1 | 89.1 | 90.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| IV 200 | 66.3 | 83.8 | 85.7 | 87.3 | 89.4 | 89.4 | 91.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 100 | 66.3 | 83.5 | 85.7 | 87.3 | 89.4 | 89.4 | 91.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 0 | 66.3 | 83.3 | 85.7 | 87.3 | 89.4 | 89.4 | 91.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |

TOTAL NUMBER OF OBSERVATIONS 531

1. AIR CREST/VELOCITY BRANCH
2. AIR STAC
3. WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

1 STATION: KENNEDY SPACE CENTER FL 69-7, 73-21 YEARS: JAN MONTH: 01-11-1955 HOURS: 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|-------|------|-------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ .01 | ≥ 0 |
| NO CEILING | 43.1 | 44.1 | 44.1 | 43.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 20000 | 64.1 | 64.1 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 18000 | 64.1 | 64.2 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 |
| ≥ 16000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 14000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 12000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 10000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 9000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 8000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 7000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 6000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 5000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 4500 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 4000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 3500 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 3000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 2500 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 2000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 1800 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 1500 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 1200 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 1000 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 900 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 800 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 700 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 600 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 500 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 400 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 300 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 200 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 100 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |
| ≥ 0 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 |

TOTAL NUMBER OF OBSERVATIONS 537

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 METEOROLOGICAL SERVICE

CEILING VERSUS VISIBILITY

1. STATION NAME
 KENNEDY SPACE CENTER FL

2. DATE
 07-77, 73-01

3. YEARS

4. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1400
 HOURS (EST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 18000 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 16000 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 14000 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 12000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 10000 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 9000 | 74.1 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 8000 | 75.7 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 7000 | 75.7 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 6000 | 76.3 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 5000 | 77.1 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 4500 | 79.0 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4000 | 79.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 3500 | 82.3 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 3000 | 84.3 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 2500 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 2000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1800 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1500 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1200 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1000 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 900 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 800 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 700 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 600 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 500 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 400 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 300 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 200 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 100 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |

TOTAL NUMBER OF OBSERVATIONS 430

USAF CLIMATOLOGY BRANCH
 AF-ETAC
 AIR FORCE SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1 575 WANDY SPACE CENTER FL
 STATION NAME

85-70,73-3
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1970-1971
 HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 47.4 | 44.1 | 41.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| ≥ 20000 | 56.3 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 18000 | 65.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 16000 | 66.5 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 14000 | 67.7 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 12000 | 70.0 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 10000 | 73.2 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 9000 | 75.8 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 8000 | 78.3 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 7000 | 78.9 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 6000 | 80.0 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 5000 | 81.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 4500 | 82.6 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 4000 | 84.1 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 3500 | 86.3 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 3000 | 87.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 2500 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2000 | 93.0 | 94.2 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1800 | 93.2 | 94.5 | 94.6 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1500 | 93.5 | 94.7 | 95.1 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1200 | 95.8 | 95.2 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1000 | 95.9 | 95.6 | 95.9 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 900 | 96.3 | 96.5 | 96.6 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 96.4 | 97.7 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 97.4 | 97.2 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 97.4 | 97.3 | 98.1 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 98.4 | 97.5 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 98.5 | 97.8 | 98.7 | 98.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 98.6 | 97.8 | 98.7 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 98.6 | 97.8 | 98.7 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 98.6 | 97.8 | 98.7 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 98.6 | 97.8 | 98.7 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 970

JOINT CLIMATOLOGY BRANCH
 1. STATION
 4. SAFETY SERVICE/PAO

CEILING VERSUS VISIBILITY

1. STATION KENNEDY SPACE CENTER FL

69-70, 73-80

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-1-1980
 HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 51.3 | 52.6 | 52.9 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 20000 | 53.8 | 55.4 | 55.8 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 18000 | 54.9 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 16000 | 55.3 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 14000 | 56.3 | 59.2 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 12000 | 57.5 | 59.6 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 10000 | 71.3 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 9000 | 73.7 | 76.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 8000 | 78.3 | 78.9 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 7000 | 77.1 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 6000 | 78.6 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 5000 | 80.3 | 83.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4500 | 82.5 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 4000 | 83.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 3500 | 85.3 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 3000 | 86.5 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 2500 | 87.7 | 93.3 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 88.5 | 94.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1800 | 89.3 | 94.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1500 | 89.4 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 89.5 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 89.7 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 900 | 90.3 | 96.6 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 90.7 | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 700 | 90.8 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 600 | 90.8 | 97.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 90.8 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 90.8 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 300 | 90.8 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 200 | 90.8 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 100 | 90.8 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 0 | 90.8 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 535

U.S. AIR FORCE
 METEOROLOGICAL SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

69-70, 73-80

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11.0-2300
 HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 54.7 | 56.7 | 56.8 | 57.1 | 57.1 | 57.1 | 57.1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥20000 | 53.1 | 55.7 | 55.7 | 56.1 | 56.2 | 56.2 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| IV 18000 | 63.7 | 66.3 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 67.0 | 67.1 | 67.3 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| IV 16000 | 64.1 | 66.9 | 67.1 | 67.3 | 67.4 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IV 14000 | 65.6 | 68.2 | 68.4 | 68.6 | 68.7 | 68.7 | 68.7 | 68.9 | 68.9 | 68.9 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 12000 | 66.5 | 69.1 | 69.4 | 69.6 | 69.7 | 69.7 | 69.7 | 69.9 | 69.9 | 69.9 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| IV 10000 | 70.2 | 73.1 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 74.0 | 74.0 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| IV 9000 | 71.8 | 75.7 | 75.9 | 76.1 | 76.3 | 76.3 | 76.3 | 76.6 | 76.6 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| IV 8000 | 73.0 | 77.6 | 77.9 | 78.1 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 7000 | 75.2 | 79.3 | 79.7 | 79.9 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.3 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 6000 | 76.5 | 81.1 | 81.3 | 81.4 | 81.6 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 5000 | 78.7 | 83.4 | 83.9 | 84.1 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| IV 4500 | 81.4 | 86.2 | 86.7 | 86.9 | 87.1 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 4000 | 82.3 | 87.3 | 87.7 | 88.1 | 88.3 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| IV 3500 | 84.4 | 90.0 | 90.4 | 90.6 | 91.0 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 3000 | 85.6 | 91.3 | 91.7 | 92.0 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 2500 | 87.1 | 93.1 | 93.5 | 93.9 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IV 2000 | 87.5 | 94.3 | 94.7 | 95.1 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| IV 1800 | 88.3 | 94.7 | 95.2 | 95.5 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IV 1500 | 88.4 | 95.7 | 95.9 | 96.1 | 96.3 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1200 | 88.3 | 95.9 | 96.5 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| IV 1000 | 89.7 | 96.1 | 96.8 | 97.1 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 900 | 89.3 | 96.3 | 97.1 | 97.3 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 800 | 89.7 | 96.5 | 97.1 | 97.4 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 700 | 89.7 | 96.8 | 97.4 | 97.7 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 600 | 89.3 | 97.2 | 98.7 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 500 | 89.7 | 97.7 | 98.5 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 89.0 | 97.7 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 300 | 89.7 | 97.7 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 200 | 89.0 | 97.7 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 100 | 89.7 | 97.7 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 0 | 89.7 | 97.7 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS

930

RECEIVED CLIMATE DATA BRANCH
U.S. AIR FORCE
METEOROLOGICAL SERVICE/AFM

CEILING VERSUS VISIBILITY

1. STATION: KENNEDY SPACE CENTER FL

67-77, 73-67

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING FEET: | VISIBILITY (STATUTE MILES): | | | | | | | | | | | | | | | |
|------------------|-----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 47.4 | 51.3 | 51.7 | 51.9 | 52.2 | 52.3 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.9 | 53.3 | 53.3 | 53.6 | 53.7 |
| ≥ 20000 | 57.6 | 63.7 | 64.1 | 64.4 | 64.7 | 64.7 | 64.8 | 65.0 | 65.1 | 65.4 | 65.5 | 65.9 | 65.9 | 65.9 | 66.2 | 66.4 |
| ≥ 18000 | 59.9 | 64.8 | 64.4 | 64.7 | 65.2 | 65.0 | 65.1 | 65.3 | 65.3 | 65.6 | 65.8 | 65.9 | 66.3 | 66.3 | 66.6 | 66.7 |
| ≥ 16000 | 61.4 | 64.6 | 65.1 | 65.3 | 65.7 | 65.7 | 65.8 | 66.0 | 66.0 | 66.4 | 66.5 | 66.5 | 66.9 | 66.9 | 67.1 | 67.4 |
| ≥ 14000 | 61.7 | 66.1 | 66.4 | 66.8 | 67.1 | 67.1 | 67.2 | 67.4 | 67.4 | 67.4 | 67.9 | 67.9 | 68.4 | 68.4 | 68.7 | 68.9 |
| ≥ 12000 | 62.3 | 67.7 | 68.2 | 68.5 | 68.9 | 68.9 | 69.2 | 69.2 | 69.2 | 69.6 | 69.7 | 69.7 | 70.1 | 70.1 | 70.5 | 70.9 |
| ≥ 10000 | 65.1 | 71.1 | 71.5 | 71.8 | 72.2 | 72.2 | 72.3 | 72.5 | 72.5 | 72.9 | 73.0 | 73.0 | 73.5 | 73.5 | 73.8 | 74.1 |
| ≥ 9000 | 67.7 | 72.9 | 73.5 | 73.7 | 74.1 | 74.1 | 74.2 | 74.4 | 74.4 | 74.8 | 74.9 | 74.9 | 75.4 | 75.4 | 75.7 | 75.9 |
| ≥ 8000 | 69.3 | 74.7 | 75.1 | 75.5 | 75.9 | 75.9 | 76.3 | 76.2 | 76.2 | 76.6 | 76.7 | 76.7 | 77.2 | 77.2 | 77.5 | 77.7 |
| ≥ 7000 | 70.1 | 75.6 | 76.1 | 76.3 | 76.8 | 76.8 | 76.9 | 77.1 | 77.1 | 77.6 | 77.6 | 77.6 | 78.1 | 78.1 | 78.5 | 78.6 |
| ≥ 6000 | 71.1 | 76.9 | 77.4 | 77.7 | 78.1 | 78.1 | 78.2 | 78.4 | 78.4 | 78.9 | 79.1 | 79.1 | 79.4 | 79.4 | 79.8 | 79.9 |
| ≥ 5000 | 72.4 | 78.6 | 79.1 | 79.4 | 79.8 | 79.8 | 79.9 | 80.1 | 80.1 | 80.6 | 80.7 | 80.7 | 81.2 | 81.2 | 81.5 | 81.7 |
| ≥ 4500 | 74.4 | 81.1 | 81.5 | 81.9 | 82.3 | 82.3 | 82.5 | 82.7 | 82.7 | 83.1 | 83.2 | 83.2 | 83.7 | 83.7 | 84.1 | 84.2 |
| ≥ 4000 | 75.7 | 82.7 | 83.2 | 83.6 | 84.0 | 84.0 | 84.2 | 84.4 | 84.4 | 84.9 | 84.9 | 84.9 | 85.4 | 85.4 | 85.9 | 85.9 |
| ≥ 3500 | 77.3 | 85.4 | 86.1 | 86.4 | 86.9 | 86.9 | 87.1 | 87.2 | 87.2 | 87.7 | 87.8 | 87.8 | 88.3 | 88.3 | 88.6 | 88.8 |
| ≥ 3000 | 78.2 | 87.1 | 87.7 | 88.2 | 88.7 | 88.7 | 89.0 | 89.2 | 89.2 | 89.6 | 89.7 | 89.7 | 90.2 | 90.2 | 90.6 | 90.7 |
| ≥ 2500 | 80.3 | 88.5 | 89.3 | 89.7 | 90.3 | 90.3 | 90.5 | 90.7 | 90.7 | 91.2 | 91.3 | 91.3 | 91.7 | 91.7 | 92.1 | 92.3 |
| ≥ 2000 | 81.2 | 89.9 | 90.5 | 91.1 | 91.7 | 91.7 | 92.1 | 92.2 | 92.2 | 92.6 | 92.7 | 92.7 | 93.3 | 93.3 | 93.6 | 93.8 |
| ≥ 1800 | 81.3 | 90.3 | 91.1 | 91.5 | 92.2 | 92.2 | 92.4 | 92.7 | 92.7 | 93.2 | 93.2 | 93.2 | 93.7 | 93.7 | 94.1 | 94.2 |
| ≥ 1500 | 81.3 | 90.9 | 91.7 | 92.3 | 92.9 | 93.1 | 93.3 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.6 | 94.6 | 94.9 | 95.1 |
| ≥ 1200 | 82.3 | 91.6 | 92.4 | 93.0 | 93.7 | 93.7 | 94.2 | 94.2 | 94.2 | 94.7 | 94.8 | 94.8 | 95.3 | 95.3 | 95.6 | 95.8 |
| ≥ 1000 | 82.3 | 92.0 | 92.9 | 93.5 | 94.1 | 94.2 | 94.5 | 94.7 | 94.7 | 95.2 | 95.2 | 95.3 | 95.8 | 95.8 | 96.2 | 96.3 |
| ≥ 900 | 82.7 | 92.3 | 93.4 | 94.0 | 94.7 | 94.7 | 95.0 | 95.3 | 95.3 | 95.8 | 95.9 | 95.9 | 96.3 | 96.3 | 96.7 | 96.9 |
| ≥ 800 | 82.7 | 92.8 | 93.7 | 94.4 | 95.1 | 95.1 | 95.5 | 95.7 | 95.7 | 96.2 | 96.3 | 96.3 | 96.8 | 96.8 | 97.1 | 97.3 |
| ≥ 700 | 82.9 | 93.3 | 94.2 | 94.9 | 95.6 | 95.6 | 96.0 | 96.2 | 96.2 | 96.8 | 96.9 | 96.9 | 97.3 | 97.3 | 97.7 | 97.9 |
| ≥ 600 | 83.1 | 93.8 | 94.7 | 95.5 | 96.3 | 96.3 | 96.7 | 96.9 | 96.9 | 97.5 | 97.6 | 97.6 | 98.1 | 98.1 | 98.4 | 98.6 |
| ≥ 500 | 83.1 | 94.2 | 95.3 | 96.0 | 96.7 | 96.7 | 97.1 | 97.4 | 97.4 | 98.0 | 98.1 | 98.1 | 98.5 | 98.5 | 99.0 | 99.1 |
| ≥ 400 | 82.1 | 94.3 | 95.4 | 96.2 | 97.0 | 97.0 | 97.4 | 97.7 | 97.7 | 98.3 | 98.4 | 98.4 | 98.9 | 98.9 | 99.4 | 99.6 |
| ≥ 300 | 83.1 | 94.3 | 95.5 | 96.3 | 97.1 | 97.1 | 97.5 | 97.8 | 97.9 | 98.4 | 98.5 | 98.5 | 99.1 | 99.1 | 99.6 | 99.7 |
| ≥ 200 | 83.1 | 94.3 | 95.5 | 96.3 | 97.1 | 97.2 | 97.6 | 97.9 | 98.0 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.7 | 99.9 |
| ≥ 100 | 83.1 | 94.3 | 95.5 | 96.3 | 97.1 | 97.2 | 97.6 | 97.9 | 98.0 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.7 | 99.9 |
| ≥ 0 | 83.1 | 94.3 | 95.5 | 96.3 | 97.1 | 97.2 | 97.6 | 97.9 | 98.0 | 98.5 | 98.6 | 98.6 | 99.2 | 99.2 | 99.7 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 7440

1. AL CLIMATELOGY BRANCH
2. AFITAC
3. WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

1. STATION KANEY SPRING CENTER FL
STATION NAME

63-70,73-81
YEARS

FILE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1. TIME-OF-DAY
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ 0 |
| NO CEILING | 52.9 | 53.4 | 54.0 | 54.3 | 54.5 | 54.5 | 54.5 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 20000 | 54.5 | 53.5 | 53.1 | 52.3 | 51.6 | 50.6 | 50.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| IV 18000 | 54.4 | 53.4 | 52.2 | 51.4 | 50.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| IV 16000 | 54.5 | 53.7 | 52.4 | 51.6 | 50.9 | 49.9 | 49.9 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| IV 14000 | 54.5 | 53.1 | 51.9 | 51.2 | 50.4 | 49.4 | 49.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| IV 12000 | 55.7 | 50.9 | 51.7 | 52.0 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 10000 | 53.2 | 54.2 | 55.2 | 55.4 | 55.7 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| IV 9000 | 71.3 | 75.0 | 75.0 | 75.2 | 75.4 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| IV 8000 | 72.2 | 79.7 | 80.8 | 80.9 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| IV 7000 | 74.2 | 81.4 | 82.4 | 82.6 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 6000 | 74.9 | 82.3 | 83.2 | 83.5 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 5000 | 75.7 | 83.5 | 84.5 | 84.8 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 4500 | 77.1 | 85.3 | 86.4 | 86.6 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 4000 | 79.1 | 87.4 | 88.4 | 88.6 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| IV 3500 | 80.7 | 89.4 | 90.4 | 90.7 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IV 3000 | 81.6 | 90.4 | 91.4 | 92.1 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 2500 | 82.3 | 91.5 | 92.6 | 93.0 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 2000 | 82.7 | 92.0 | 93.0 | 93.6 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 1800 | 82.7 | 92.0 | 93.1 | 93.7 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IV 1500 | 83.2 | 92.4 | 93.2 | 94.4 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 1200 | 83.3 | 92.2 | 94.2 | 94.8 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 1000 | 83.3 | 93.3 | 94.7 | 95.3 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 900 | 83.3 | 93.7 | 95.3 | 95.9 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 800 | 83.3 | 94.0 | 95.5 | 96.1 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 700 | 83.3 | 94.0 | 95.6 | 96.2 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 600 | 83.3 | 94.6 | 96.2 | 96.8 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| IV 500 | 83.3 | 94.7 | 96.3 | 96.9 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 400 | 83.3 | 94.7 | 96.3 | 96.9 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 300 | 83.3 | 95.0 | 96.7 | 97.2 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 200 | 83.3 | 95.0 | 97.1 | 97.6 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 100 | 83.3 | 95.3 | 97.1 | 97.6 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 0 | 83.3 | 95.3 | 97.1 | 97.6 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |

TOTAL NUMBER OF OBSERVATIONS 346

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

STATION NAME KENNEDY SPACE CENTER FL

STATION NUMBER 59-72,73-0

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD 13.7-13.8
 HOURS 1-1

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 55.1 | 55.3 | 55.1 | 55.9 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.9 | 58.6 | 59.1 | 59.1 |
| ≥ 20000 | 55.4 | 62.3 | 63.2 | 63.0 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.6 | 65.5 | 66.0 | 66.1 |
| ≥ 18000 | 55.1 | 62.3 | 63.7 | 63.0 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.6 | 65.5 | 66.0 | 66.1 |
| ≥ 16000 | 55.3 | 62.8 | 62.7 | 64.1 | 64.7 | 64.7 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.6 | 65.5 | 66.0 | 66.1 |
| ≥ 14000 | 57.0 | 63.8 | 64.8 | 65.1 | 65.7 | 65.7 | 65.8 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.6 | 66.5 | 67.0 | 67.1 |
| ≥ 12000 | 58.4 | 64.8 | 65.7 | 66.1 | 66.7 | 66.7 | 66.8 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.6 | 67.5 | 68.0 | 68.1 |
| ≥ 10000 | 60.1 | 67.7 | 68.7 | 69.0 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 70.2 | 71.2 | 71.6 | 71.7 |
| ≥ 9000 | 67.3 | 70.0 | 70.8 | 71.3 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.5 | 73.4 | 73.9 | 74.0 |
| ≥ 8000 | 63.3 | 71.4 | 72.3 | 73.0 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 74.2 | 75.2 | 75.7 | 75.8 |
| ≥ 7000 | 65.1 | 73.5 | 74.4 | 75.1 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 76.2 | 77.2 | 77.7 | 77.8 |
| ≥ 6000 | 66.3 | 75.7 | 76.6 | 77.1 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.2 | 79.2 | 79.7 | 79.8 |
| ≥ 5000 | 68.3 | 77.4 | 78.4 | 78.8 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 80.0 | 81.1 | 81.6 | 81.7 |
| ≥ 4500 | 70.3 | 80.4 | 81.3 | 81.8 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 83.0 | 84.0 | 84.5 | 84.6 |
| ≥ 4000 | 72.2 | 82.4 | 83.3 | 83.9 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 85.1 | 86.2 | 86.6 | 86.8 |
| ≥ 3500 | 74.7 | 85.5 | 86.4 | 87.0 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.2 | 89.2 | 89.7 | 89.8 |
| ≥ 3000 | 75.4 | 87.2 | 88.1 | 88.8 | 89.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 90.2 | 91.2 | 91.7 | 91.8 |
| ≥ 2500 | 76.7 | 87.8 | 88.7 | 89.1 | 89.7 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.7 | 91.7 | 92.2 | 92.3 |
| ≥ 2000 | 76.2 | 88.1 | 89.1 | 89.7 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.9 | 92.9 | 93.4 | 93.5 |
| ≥ 1800 | 76.3 | 88.1 | 89.1 | 89.8 | 90.8 | 90.8 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 92.0 | 93.0 | 93.5 | 93.6 |
| ≥ 1500 | 76.3 | 88.7 | 89.7 | 90.8 | 91.7 | 91.7 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.9 | 93.9 | 94.4 | 94.5 |
| ≥ 1200 | 77.7 | 90.0 | 91.0 | 92.1 | 93.0 | 93.0 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 94.2 | 95.2 | 95.7 | 95.8 |
| ≥ 1000 | 77.9 | 90.3 | 91.3 | 92.4 | 93.4 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.6 | 95.6 | 96.1 | 96.2 |
| ≥ 900 | 78.2 | 90.7 | 91.7 | 92.8 | 93.8 | 93.8 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 95.0 | 96.0 | 96.5 | 96.6 |
| ≥ 800 | 78.1 | 91.4 | 92.4 | 93.5 | 94.4 | 94.4 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.6 | 96.6 | 97.1 | 97.2 |
| ≥ 700 | 78.3 | 91.7 | 92.7 | 93.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 97.0 | 97.5 | 97.6 |
| ≥ 600 | 78.4 | 92.7 | 93.7 | 94.8 | 95.7 | 95.7 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.9 | 97.9 | 98.4 | 98.5 |
| ≥ 500 | 78.5 | 92.8 | 93.8 | 94.9 | 95.9 | 95.9 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 97.1 | 98.1 | 98.6 | 98.7 |
| ≥ 400 | 78.7 | 93.3 | 94.3 | 95.4 | 96.5 | 96.5 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.7 | 98.7 | 99.2 | 99.3 |
| ≥ 300 | 78.7 | 93.5 | 94.5 | 95.6 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.9 | 98.9 | 99.4 | 99.5 |
| ≥ 200 | 78.7 | 93.5 | 94.5 | 95.6 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.9 | 98.9 | 99.4 | 99.5 |
| ≥ 100 | 78.7 | 93.5 | 94.5 | 95.6 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.9 | 98.9 | 99.4 | 99.5 |
| 0 | 78.7 | 93.5 | 94.5 | 95.6 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.9 | 98.9 | 99.4 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 542

1. NO CEILING
2. TAC
3. WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

1. STATION KENNEDY SPACE CENTER FL

68-70,13-00

YEARS

FE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6.00-11.59
HOURS (EST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|------|-------|-------|------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ 0 |
| NO CEILING | 47.5 | 47.9 | 48.7 | 49.3 | 47.2 | 49.8 | 50.1 | 50.6 | 50.4 | 50.6 | 50.7 | 50.6 | 51.2 | 51.3 | 52.7 | 53.2 |
| ≥ 20000 | 46.5 | 45.8 | 55.4 | 57.4 | 58.0 | 58.0 | 58.4 | 58.9 | 52.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| IV 18000 | 46.3 | 56.3 | 57.3 | 57.9 | 58.5 | 58.3 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.9 | 59.9 | 61.2 | 62.2 |
| IV 16000 | 47.2 | 56.5 | 57.7 | 58.3 | 58.9 | 58.9 | 59.3 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 60.3 | 60.3 | 61.6 | 62.6 |
| IV 14000 | 49.3 | 59.1 | 60.3 | 60.9 | 61.5 | 61.5 | 61.5 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.9 | 62.9 | 64.2 | 65.2 |
| IV 12000 | 51.3 | 61.6 | 62.9 | 63.4 | 63.9 | 63.9 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.9 | 64.9 | 66.2 | 67.2 |
| IV 10000 | 53.4 | 64.7 | 65.7 | 66.4 | 67.4 | 67.4 | 67.7 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.9 | 68.9 | 70.1 | 71.2 |
| IV 9000 | 54.7 | 66.4 | 67.3 | 68.4 | 69.1 | 69.1 | 69.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 71.3 | 71.3 | 72.6 | 73.6 |
| IV 8000 | 55.3 | 68.0 | 69.3 | 70.0 | 70.7 | 70.7 | 71.0 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 72.1 | 72.1 | 73.4 | 74.5 |
| IV 7000 | 57.1 | 69.5 | 70.7 | 71.3 | 72.2 | 72.2 | 72.6 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.6 | 73.6 | 74.9 | 76.0 |
| IV 6000 | 58.2 | 71.4 | 72.5 | 73.4 | 74.1 | 74.1 | 74.5 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.5 | 75.5 | 76.8 | 77.9 |
| IV 5000 | 59.3 | 72.8 | 73.9 | 74.8 | 75.5 | 75.5 | 75.9 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 77.1 | 77.1 | 78.4 | 79.5 |
| IV 4500 | 59.3 | 73.9 | 74.9 | 75.9 | 76.6 | 76.6 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 78.0 | 78.0 | 79.3 | 80.4 |
| IV 4000 | 61.3 | 75.2 | 76.5 | 77.4 | 78.1 | 78.1 | 78.5 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.6 | 79.6 | 80.9 | 82.0 |
| IV 3500 | 63.3 | 77.7 | 79.1 | 80.0 | 80.7 | 80.7 | 81.1 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 82.2 | 82.2 | 83.5 | 84.6 |
| IV 3000 | 64.4 | 79.3 | 80.7 | 81.7 | 82.6 | 82.6 | 83.0 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 84.0 | 84.0 | 85.3 | 86.4 |
| IV 2500 | 64.7 | 79.7 | 81.1 | 82.0 | 82.7 | 82.7 | 83.3 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 84.4 | 84.4 | 85.7 | 86.8 |
| IV 2000 | 65.3 | 81.2 | 82.7 | 83.8 | 84.8 | 84.8 | 85.2 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 86.3 | 86.3 | 87.6 | 88.7 |
| IV 1800 | 65.3 | 81.7 | 83.0 | 84.3 | 85.3 | 85.3 | 85.9 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 87.0 | 87.0 | 88.3 | 89.4 |
| IV 1500 | 66.3 | 83.6 | 84.4 | 85.5 | 86.5 | 86.5 | 87.1 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 88.2 | 88.2 | 89.5 | 90.6 |
| IV 1200 | 67.1 | 84.3 | 86.4 | 87.6 | 88.7 | 88.7 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.4 | 90.4 | 91.7 | 92.8 |
| IV 1000 | 67.7 | 84.9 | 86.9 | 88.1 | 89.4 | 89.4 | 90.3 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.4 | 91.4 | 92.7 | 93.8 |
| IV 900 | 67.2 | 85.1 | 87.2 | 88.4 | 89.7 | 89.7 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.7 | 91.7 | 93.0 | 94.1 |
| IV 800 | 67.4 | 85.3 | 87.3 | 88.5 | 89.8 | 89.8 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.9 | 91.9 | 93.2 | 94.3 |
| IV 700 | 67.7 | 86.1 | 88.1 | 89.3 | 90.8 | 90.8 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.9 | 92.9 | 94.2 | 95.3 |
| IV 600 | 67.7 | 86.6 | 88.6 | 89.8 | 91.3 | 91.3 | 92.3 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.4 | 93.4 | 94.7 | 95.8 |
| IV 500 | 67.7 | 87.3 | 89.3 | 90.5 | 92.0 | 92.0 | 93.0 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 95.4 | 96.5 |
| IV 400 | 67.3 | 87.5 | 89.5 | 90.7 | 92.2 | 92.2 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.3 | 94.3 | 95.6 | 96.7 |
| IV 300 | 67.3 | 87.5 | 89.5 | 90.7 | 92.2 | 92.2 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.3 | 94.3 | 95.6 | 96.7 |
| IV 200 | 67.3 | 87.5 | 89.5 | 90.7 | 92.2 | 92.2 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.3 | 94.3 | 95.6 | 96.7 |
| IV 100 | 67.3 | 87.5 | 89.5 | 90.7 | 92.2 | 92.2 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.3 | 94.3 | 95.6 | 96.7 |
| IV 0 | 67.3 | 87.5 | 89.5 | 90.7 | 92.2 | 92.2 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.3 | 94.3 | 95.6 | 96.7 |

TOTAL NUMBER OF OBSERVATIONS 346

U.S. AIR FORCE
CLIMATE
RESEARCH SERVICE

CEILING VERSUS VISIBILITY

STATION: ANNWY LAKE CNTY FL STATION NAME: ANNWY LAKE YEARS: 64-70, 72-87 MONTH: 11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 11
HOURS: 151

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1 | ≥0 |
| NO CEILING | 47.7 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 20000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 18000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 16000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 14000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 12000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 10000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 9000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 8000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 7000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 6000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 5000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 4500 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 4000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 3500 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 3000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 2500 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 2000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 1800 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 1500 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 1200 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 1000 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 900 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 800 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 700 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 600 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 500 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 400 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 300 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 200 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 100 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 0 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |

TOTAL NUMBER OF OBSERVATIONS: 151

1. NAME OF STATION
2. LOCATION
3. DATE OF SERVICE

CEILING VERSUS VISIBILITY

STATION NO. STATION NAME DATE YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-1-10
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|-------|------|-------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ .01 | ≥ 0 |
| NO CEILING | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| ≥ 20000 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 18000 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 16000 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 14000 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 12000 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 10000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 9000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 8000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 7000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 6000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 5000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 4500 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 4000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 3500 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 3000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 2500 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 2000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 1800 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 1500 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 1200 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 1000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 900 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 800 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 700 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 600 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 500 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 400 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 300 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 200 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 100 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |

TOTAL NUMBER OF OBSERVATIONS 540

U.S. AIR FORCE
METEOROLOGICAL SERVICE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

DATE: 7-73

FLY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-17.0
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥.05 |
| NO CEILING | 49.2 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| ≥ 20000 | 54.3 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| IV 18000 | 55.1 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| IV 16000 | 55.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| IV 14000 | 58.2 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| IV 12000 | 70.5 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| IV 10000 | 74.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| IV 9000 | 75.5 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| IV 8000 | 74.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| IV 7000 | 79.0 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| IV 6000 | 79.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| IV 5000 | 81.0 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| IV 4500 | 82.3 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV 4000 | 83.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 3500 | 84.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 3000 | 86.1 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 2500 | 86.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 2000 | 87.3 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 1800 | 88.4 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 1500 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 1200 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 1000 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 900 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 800 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 700 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 600 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 500 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 400 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 300 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 200 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 100 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 0 | 88.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |

TOTAL NUMBER OF OBSERVATIONS 846

U.S. AIR FORCE CLIMATE DATA REPORT
 FORM 10-64
 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION NAME: JAMES H. COOK AIRPORT, FL

PERIOD: 19-17, 73-80

FEET

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18.7-2000
 HOURS PER YEAR

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.25 | ≥.1 | ≥.05 | ≥.025 | ≥.01 | ≥.005 |
| NO CEILING | 54.4 | 53.4 | 52.4 | 51.4 | 50.4 | 49.4 | 48.4 | 47.4 | 46.4 | 45.4 | 44.4 | 43.4 | 42.4 | 41.4 | 40.4 | 39.4 |
| ≥20000 | 53.4 | 52.4 | 51.4 | 50.4 | 49.4 | 48.4 | 47.4 | 46.4 | 45.4 | 44.4 | 43.4 | 42.4 | 41.4 | 40.4 | 39.4 | 38.4 |
| IV 18000 | 53.7 | 52.7 | 51.7 | 50.7 | 49.7 | 48.7 | 47.7 | 46.7 | 45.7 | 44.7 | 43.7 | 42.7 | 41.7 | 40.7 | 39.7 | 38.7 |
| IV 16000 | 54.5 | 53.5 | 52.5 | 51.5 | 50.5 | 49.5 | 48.5 | 47.5 | 46.5 | 45.5 | 44.5 | 43.5 | 42.5 | 41.5 | 40.5 | 39.5 |
| IV 14000 | 56.3 | 55.3 | 54.3 | 53.3 | 52.3 | 51.3 | 50.3 | 49.3 | 48.3 | 47.3 | 46.3 | 45.3 | 44.3 | 43.3 | 42.3 | 41.3 |
| IV 12000 | 67.7 | 66.7 | 65.7 | 64.7 | 63.7 | 62.7 | 61.7 | 60.7 | 59.7 | 58.7 | 57.7 | 56.7 | 55.7 | 54.7 | 53.7 | 52.7 |
| IV 10000 | 70.8 | 69.8 | 68.8 | 67.8 | 66.8 | 65.8 | 64.8 | 63.8 | 62.8 | 61.8 | 60.8 | 59.8 | 58.8 | 57.8 | 56.8 | 55.8 |
| IV 9000 | 73.8 | 72.8 | 71.8 | 70.8 | 69.8 | 68.8 | 67.8 | 66.8 | 65.8 | 64.8 | 63.8 | 62.8 | 61.8 | 60.8 | 59.8 | 58.8 |
| IV 8000 | 74.2 | 73.2 | 72.2 | 71.2 | 70.2 | 69.2 | 68.2 | 67.2 | 66.2 | 65.2 | 64.2 | 63.2 | 62.2 | 61.2 | 60.2 | 59.2 |
| IV 7000 | 74.7 | 73.7 | 72.7 | 71.7 | 70.7 | 69.7 | 68.7 | 67.7 | 66.7 | 65.7 | 64.7 | 63.7 | 62.7 | 61.7 | 60.7 | 59.7 |
| IV 6000 | 75.3 | 74.3 | 73.3 | 72.3 | 71.3 | 70.3 | 69.3 | 68.3 | 67.3 | 66.3 | 65.3 | 64.3 | 63.3 | 62.3 | 61.3 | 60.3 |
| IV 5000 | 76.7 | 75.7 | 74.7 | 73.7 | 72.7 | 71.7 | 70.7 | 69.7 | 68.7 | 67.7 | 66.7 | 65.7 | 64.7 | 63.7 | 62.7 | 61.7 |
| IV 4500 | 78.7 | 77.7 | 76.7 | 75.7 | 74.7 | 73.7 | 72.7 | 71.7 | 70.7 | 69.7 | 68.7 | 67.7 | 66.7 | 65.7 | 64.7 | 63.7 |
| IV 4000 | 80.7 | 79.7 | 78.7 | 77.7 | 76.7 | 75.7 | 74.7 | 73.7 | 72.7 | 71.7 | 70.7 | 69.7 | 68.7 | 67.7 | 66.7 | 65.7 |
| IV 3500 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 | 77.7 | 76.7 | 75.7 | 74.7 | 73.7 | 72.7 | 71.7 | 70.7 | 69.7 | 68.7 | 67.7 |
| IV 3000 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 | 77.7 | 76.7 | 75.7 | 74.7 | 73.7 | 72.7 | 71.7 | 70.7 | 69.7 |
| IV 2500 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 | 77.7 | 76.7 | 75.7 | 74.7 | 73.7 | 72.7 | 71.7 |
| IV 2000 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 | 77.7 | 76.7 | 75.7 | 74.7 | 73.7 |
| IV 1800 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 | 77.7 | 76.7 | 75.7 | 74.7 |
| IV 1500 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 | 77.7 | 76.7 | 75.7 |
| IV 1200 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 | 77.7 | 76.7 |
| IV 1000 | 92.7 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 | 77.7 |
| IV 900 | 93.7 | 92.7 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 | 78.7 |
| IV 800 | 94.7 | 93.7 | 92.7 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 | 79.7 |
| IV 700 | 95.7 | 94.7 | 93.7 | 92.7 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 | 80.7 |
| IV 600 | 96.7 | 95.7 | 94.7 | 93.7 | 92.7 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 | 81.7 |
| IV 500 | 97.7 | 96.7 | 95.7 | 94.7 | 93.7 | 92.7 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 | 82.7 |
| IV 400 | 98.7 | 97.7 | 96.7 | 95.7 | 94.7 | 93.7 | 92.7 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 | 83.7 |
| IV 300 | 99.7 | 98.7 | 97.7 | 96.7 | 95.7 | 94.7 | 93.7 | 92.7 | 91.7 | 90.7 | 89.7 | 88.7 | 87.7 | 86.7 | 85.7 | 84.7 |
| IV 200 | 100.0 | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 40

LOCAL CLIMATOLOGY STATION
STATION NAME
STATION SERVICE NAME

CEILING VERSUS VISIBILITY

STATION
KENNEDY SPACE CENTER FL
STATION NAME

67-70,73-67

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11-0000
HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 53.4 | 54.8 | 67.7 | 67.4 | 67.8 | 68.3 | 68.8 | 68.9 | 68.4 | 68.9 | 68.7 | 68.7 | 68.7 | 61.1 | 61.1 | 61.1 |
| ≥ 20000 | 63.1 | 68.3 | 67.7 | 67.3 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 70.0 | 70.0 | 70.0 |
| ≥ 18000 | 66.3 | 68.3 | 69.8 | 69.3 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 70.0 | 70.0 | 70.0 |
| ≥ 16000 | 66.3 | 68.4 | 69.1 | 69.4 | 69.7 | 69.7 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 |
| ≥ 14000 | 67.1 | 69.1 | 69.4 | 70.1 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 |
| ≥ 12000 | 67.3 | 70.0 | 70.7 | 70.9 | 71.7 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 |
| ≥ 10000 | 70.7 | 73.6 | 74.3 | 74.6 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.3 | 75.3 | 75.3 |
| ≥ 9000 | 73.9 | 77.9 | 73.6 | 78.8 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.6 | 79.6 | 79.6 |
| ≥ 8000 | 73.4 | 79.8 | 87.5 | 80.7 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 |
| ≥ 7000 | 75.8 | 80.3 | 81.7 | 81.2 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 |
| ≥ 6000 | 76.8 | 81.6 | 82.4 | 82.8 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.6 | 83.6 | 83.6 |
| ≥ 5000 | 78.1 | 83.3 | 84.8 | 84.4 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.5 | 85.5 | 85.5 |
| ≥ 4500 | 80.3 | 85.3 | 87.1 | 87.4 | 87.8 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 81.3 | 86.3 | 89.4 | 89.8 | 90.1 | 90.1 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.7 | 90.7 | 90.7 |
| ≥ 3500 | 84.4 | 91.7 | 92.7 | 92.9 | 93.4 | 93.4 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.0 | 94.0 | 94.0 |
| ≥ 3000 | 85.7 | 93.3 | 94.3 | 94.6 | 95.2 | 95.2 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 |
| ≥ 2500 | 85.3 | 93.4 | 94.4 | 94.7 | 95.3 | 95.3 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 |
| ≥ 2000 | 86.1 | 93.9 | 95.3 | 95.4 | 96.1 | 96.1 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | 86.7 | 94.0 | 95.3 | 95.5 | 96.2 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 |
| ≥ 1500 | 86.3 | 94.2 | 95.5 | 95.7 | 96.7 | 96.7 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 |
| ≥ 1200 | 86.7 | 94.9 | 96.3 | 96.5 | 97.5 | 97.5 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 |
| ≥ 1000 | 86.3 | 94.9 | 96.2 | 96.5 | 97.5 | 97.5 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 86.9 | 95.1 | 96.3 | 96.7 | 97.8 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 86.3 | 95.3 | 96.6 | 96.8 | 97.9 | 97.9 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 86.3 | 95.4 | 96.7 | 97.2 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 86.4 | 95.5 | 96.8 | 97.3 | 98.3 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 86.9 | 95.6 | 96.9 | 97.4 | 98.5 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 86.3 | 95.7 | 97.1 | 97.5 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 86.9 | 96.1 | 97.4 | 97.9 | 99.1 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 86.9 | 96.1 | 97.4 | 97.9 | 99.1 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 86.3 | 96.1 | 97.4 | 97.9 | 99.1 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.7 | 96.1 | 97.4 | 97.9 | 99.1 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 546

USAF ETAC
 CLIMATE
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME KENNEDY SPACE CENTER FL

PERIOD 69-70, 73-8

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0 |
| NO CEILING | 60.7 | 64.2 | 64.7 | 64.7 | 64.9 | 64.9 | 65.7 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.3 | 65.3 | 65.6 | 65.6 |
| ≥ 20000 | 60.1 | 64.5 | 65.1 | 65.2 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 66.2 | 66.4 |
| IV 18000 | 60.3 | 64.7 | 65.2 | 65.3 | 65.7 | 65.7 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.2 | 66.2 | 66.5 | 66.7 |
| IV 16000 | 60.7 | 65.5 | 66.1 | 66.3 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.9 | 66.9 | 67.2 | 67.4 |
| IV 14000 | 62.3 | 67.1 | 67.6 | 67.8 | 68.7 | 68.8 | 68.1 | 68.2 | 68.2 | 68.2 | 68.7 | 68.2 | 68.5 | 68.5 | 68.8 | 69.0 |
| IV 12000 | 63.3 | 68.6 | 69.7 | 69.5 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 70.1 | 70.1 | 70.4 | 70.6 |
| IV 10000 | 66.4 | 71.9 | 72.6 | 72.8 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.5 | 73.8 | 74.0 |
| IV 9000 | 68.4 | 74.8 | 75.3 | 75.5 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.3 | 76.6 | 76.8 |
| IV 8000 | 70.1 | 76.6 | 77.3 | 77.6 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.3 | 78.6 | 78.8 |
| IV 7000 | 71.1 | 77.9 | 78.3 | 78.7 | 79.1 | 79.1 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.6 | 79.6 | 79.9 | 80.1 |
| IV 6000 | 72.1 | 79.4 | 80.2 | 80.5 | 80.8 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.3 | 81.6 | 81.8 |
| IV 5000 | 73.1 | 80.9 | 81.5 | 81.9 | 82.2 | 82.2 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.6 | 83.1 | 83.3 |
| IV 4500 | 74.3 | 83.1 | 83.7 | 84.3 | 84.6 | 84.6 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.2 | 85.2 | 85.4 | 85.7 |
| IV 4000 | 76.3 | 84.9 | 85.8 | 86.3 | 86.5 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 87.0 | 87.3 | 87.5 |
| IV 3500 | 78.3 | 87.3 | 88.7 | 88.6 | 88.9 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.5 | 89.8 | 90.0 |
| IV 3000 | 79.6 | 89.2 | 90.1 | 90.9 | 91.7 | 91.7 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.6 | 91.9 | 92.1 |
| IV 2500 | 80.1 | 89.9 | 90.9 | 91.3 | 91.8 | 91.8 | 92.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.4 | 92.7 | 92.9 |
| IV 2000 | 80.8 | 90.9 | 91.9 | 92.4 | 93.5 | 93.5 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.6 | 93.9 | 94.1 |
| IV 1800 | 81.3 | 91.5 | 92.3 | 93.0 | 93.6 | 93.6 | 93.8 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.3 | 94.6 | 94.8 |
| IV 1500 | 81.7 | 92.2 | 93.3 | 93.8 | 94.4 | 94.5 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 | 95.4 | 95.7 |
| IV 1200 | 82.2 | 93.0 | 94.0 | 94.8 | 95.4 | 95.4 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 96.1 | 96.1 | 96.4 | 96.6 |
| IV 1000 | 82.3 | 93.3 | 94.4 | 95.1 | 95.8 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.5 | 96.5 | 96.8 | 97.1 |
| IV 900 | 82.4 | 93.5 | 94.6 | 95.4 | 96.1 | 96.1 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.8 | 96.8 | 97.1 | 97.3 |
| IV 800 | 82.4 | 93.9 | 95.3 | 95.8 | 96.5 | 96.5 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.3 | 97.3 | 97.6 | 97.8 |
| IV 700 | 82.4 | 94.1 | 95.4 | 96.1 | 96.7 | 96.8 | 97.7 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.8 | 98.1 |
| IV 600 | 82.7 | 94.4 | 95.8 | 96.4 | 97.1 | 97.1 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.9 | 97.9 | 98.2 | 98.5 |
| IV 500 | 82.7 | 94.5 | 95.9 | 96.6 | 97.3 | 97.3 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.4 | 98.7 |
| IV 400 | 82.8 | 94.6 | 95.1 | 96.7 | 97.5 | 97.5 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.5 | 98.5 | 98.9 | 99.1 |
| IV 300 | 82.8 | 94.7 | 96.3 | 96.9 | 97.7 | 97.8 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 99.0 | 99.4 | 99.6 |
| IV 200 | 82.8 | 94.8 | 96.3 | 97.0 | 97.8 | 97.8 | 98.3 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 | 99.6 | 99.9 |
| IV 100 | 82.8 | 94.8 | 96.3 | 97.0 | 97.8 | 97.8 | 98.3 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 | 99.6 | 100.0 |
| IV 0 | 82.8 | 94.8 | 96.3 | 97.0 | 97.8 | 97.8 | 98.3 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6768

CEILING VERSUS VISIBILITY

STATION NAME: WINDY PACE CENTER FL

DATE: 6-7-73

MAP:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 67.7 | 63.3 | 64.4 | 64.5 | 64.9 | 64.3 | 64.9 | 64.9 | 65.0 | 65.1 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.3 |
| ≥ 20000 | 67.7 | 73.2 | 73.1 | 73.9 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.6 | 74.7 |
| ≥ 18000 | 70.2 | 73.6 | 74.0 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 75.0 | 75.1 |
| ≥ 16000 | 72.3 | 73.7 | 74.1 | 74.5 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.2 |
| ≥ 14000 | 71.3 | 74.3 | 75.8 | 75.6 | 75.8 | 75.8 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.3 | 76.4 |
| ≥ 12000 | 72.1 | 76.3 | 76.7 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.7 | 77.8 |
| ≥ 10000 | 74.4 | 79.4 | 79.8 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.8 | 80.9 |
| ≥ 9000 | 75.3 | 80.2 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2 | 82.3 |
| ≥ 8000 | 77.5 | 82.9 | 83.4 | 83.8 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.5 | 84.6 |
| ≥ 7000 | 77.7 | 83.6 | 84.3 | 84.6 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 | 85.3 |
| ≥ 6000 | 78.8 | 84.7 | 85.7 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.3 | 86.4 |
| ≥ 5000 | 80.1 | 86.0 | 86.9 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 | 87.7 |
| ≥ 4500 | 81.7 | 86.4 | 86.1 | 86.4 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 | 87.3 |
| ≥ 4000 | 83.0 | 89.9 | 91.7 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.8 | 91.9 |
| ≥ 3500 | 84.7 | 91.6 | 92.8 | 92.8 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.5 | 93.6 |
| ≥ 3000 | 86.0 | 93.0 | 94.1 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.2 | 95.4 |
| ≥ 2500 | 87.0 | 94.3 | 95.3 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.3 | 96.4 |
| ≥ 2000 | 87.9 | 95.7 | 96.7 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.9 |
| ≥ 1800 | 88.0 | 96.0 | 97.1 | 97.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.4 |
| ≥ 1500 | 88.1 | 96.8 | 97.8 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 | 99.1 |
| ≥ 1200 | 88.3 | 97.2 | 98.9 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.5 | 99.6 |
| ≥ 1000 | 88.3 | 97.0 | 98.5 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.5 | 99.6 |
| ≥ 900 | 88.3 | 97.3 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 |
| ≥ 800 | 88.3 | 97.3 | 98.6 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 |
| ≥ 700 | 88.3 | 97.3 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 600 | 88.3 | 97.3 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 500 | 88.3 | 97.3 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 400 | 88.3 | 97.3 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 300 | 88.3 | 97.3 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 200 | 88.3 | 97.3 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 100 | 88.3 | 97.3 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 0 | 88.3 | 97.3 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 926

U.S. AIR FORCE
CLIMATE BRANCH
ATMOSPHERIC SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
KANEEDY SPACE CENTER FL

STATION NUMBER
69-70,73-81

YEARS

DATE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD
HOURS 157

| CEILING FEET | VISIBILITY /STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0 |
| NO CEILING | 58.1 | 52.1 | 62.0 | 57.2 | 64.0 | 64.0 | 64.3 | 64.7 | 64.4 | 66.0 | 66.0 | 66.1 | 66.3 | 66.3 | 66.5 | 66.6 |
| ≥ 20000 | 64.4 | 71.5 | 72.5 | 72.9 | 73.7 | 73.7 | 74.5 | 74.6 | 74.6 | 75.7 | 75.7 | 75.7 | 76.1 | 76.1 | 76.2 | 76.2 |
| ≥ 18000 | 64.5 | 72.1 | 72.9 | 73.4 | 74.1 | 74.1 | 75.0 | 75.1 | 75.1 | 76.2 | 76.2 | 76.2 | 76.5 | 76.5 | 76.6 | 76.6 |
| ≥ 16000 | 65.2 | 72.5 | 73.5 | 73.9 | 74.6 | 74.6 | 75.5 | 75.6 | 75.6 | 76.7 | 76.7 | 76.7 | 77.0 | 77.0 | 77.1 | 77.1 |
| ≥ 14000 | 65.6 | 73.1 | 74.1 | 74.4 | 75.2 | 75.2 | 76.1 | 76.2 | 76.2 | 77.2 | 77.2 | 77.2 | 77.6 | 77.6 | 77.7 | 77.7 |
| ≥ 12000 | 67.3 | 75.3 | 76.3 | 76.7 | 77.5 | 77.5 | 78.3 | 78.4 | 78.4 | 79.5 | 79.5 | 79.5 | 79.8 | 79.8 | 79.9 | 79.9 |
| ≥ 10000 | 69.1 | 77.5 | 78.4 | 78.9 | 79.6 | 79.6 | 80.5 | 80.6 | 80.6 | 81.7 | 81.7 | 81.7 | 82.0 | 82.0 | 82.1 | 82.1 |
| ≥ 9000 | 70.2 | 78.9 | 79.9 | 80.3 | 81.0 | 81.0 | 81.9 | 82.0 | 82.0 | 83.1 | 83.1 | 83.1 | 83.4 | 83.4 | 83.5 | 83.5 |
| ≥ 8000 | 71.0 | 79.9 | 81.0 | 81.4 | 82.2 | 82.2 | 83.1 | 83.2 | 83.2 | 84.3 | 84.3 | 84.3 | 84.6 | 84.6 | 84.7 | 84.7 |
| ≥ 7000 | 71.4 | 80.3 | 81.1 | 82.5 | 83.3 | 83.3 | 84.1 | 84.3 | 84.3 | 85.3 | 85.3 | 85.3 | 85.7 | 85.7 | 85.8 | 85.8 |
| ≥ 6000 | 71.6 | 81.1 | 82.4 | 82.6 | 83.6 | 83.6 | 84.5 | 84.6 | 84.6 | 85.7 | 85.7 | 85.7 | 86.0 | 86.0 | 86.1 | 86.1 |
| ≥ 5000 | 72.7 | 82.4 | 83.7 | 84.1 | 84.9 | 84.9 | 85.8 | 85.9 | 85.9 | 86.9 | 86.9 | 86.9 | 87.3 | 87.3 | 87.4 | 87.4 |
| ≥ 4500 | 73.9 | 83.9 | 85.2 | 85.7 | 86.4 | 86.4 | 87.3 | 87.4 | 87.4 | 88.5 | 88.5 | 88.5 | 88.8 | 88.8 | 88.9 | 88.9 |
| ≥ 4000 | 74.3 | 85.4 | 86.7 | 87.2 | 87.9 | 87.9 | 88.8 | 88.9 | 88.9 | 89.9 | 89.9 | 89.9 | 90.3 | 90.3 | 90.4 | 90.4 |
| ≥ 3500 | 76.7 | 87.5 | 88.8 | 89.2 | 90.0 | 90.0 | 90.8 | 90.9 | 90.9 | 92.0 | 92.0 | 92.0 | 92.3 | 92.3 | 92.4 | 92.4 |
| ≥ 3000 | 77.7 | 88.4 | 90.1 | 90.5 | 91.3 | 91.3 | 92.1 | 92.2 | 92.2 | 93.3 | 93.3 | 93.3 | 93.6 | 93.6 | 93.7 | 93.7 |
| ≥ 2500 | 78.3 | 89.8 | 91.1 | 91.5 | 92.2 | 92.2 | 93.1 | 93.2 | 93.2 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.7 | 94.7 |
| ≥ 2000 | 79.4 | 91.0 | 92.3 | 92.8 | 93.5 | 93.5 | 94.4 | 94.5 | 94.5 | 95.6 | 95.6 | 95.6 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 1800 | 79.7 | 91.4 | 92.7 | 93.1 | 93.9 | 93.9 | 94.7 | 94.8 | 94.8 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 1500 | 80.2 | 92.1 | 93.4 | 93.9 | 94.6 | 94.6 | 95.5 | 95.6 | 95.6 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.1 | 97.1 |
| ≥ 1200 | 80.7 | 92.8 | 94.1 | 94.5 | 95.3 | 95.3 | 96.1 | 96.2 | 96.2 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 1000 | 80.7 | 92.8 | 94.1 | 94.5 | 95.3 | 95.3 | 96.1 | 96.2 | 96.2 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 900 | 80.8 | 92.9 | 94.4 | 94.8 | 95.7 | 95.7 | 96.5 | 96.7 | 96.7 | 97.7 | 97.7 | 97.7 | 98.1 | 98.1 | 98.2 | 98.2 |
| ≥ 800 | 80.8 | 93.4 | 94.9 | 95.4 | 96.2 | 96.2 | 97.1 | 97.2 | 97.2 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 |
| ≥ 700 | 80.9 | 93.5 | 95.0 | 95.5 | 96.3 | 96.3 | 97.2 | 97.3 | 97.3 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 600 | 80.9 | 93.5 | 95.0 | 95.5 | 96.4 | 96.4 | 97.3 | 97.4 | 97.4 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 500 | 80.9 | 93.5 | 95.0 | 95.5 | 96.5 | 96.5 | 97.4 | 97.5 | 97.5 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 400 | 81.0 | 94.2 | 95.7 | 96.1 | 97.3 | 97.3 | 98.2 | 98.3 | 98.3 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 300 | 81.1 | 94.3 | 95.8 | 96.2 | 97.4 | 97.4 | 98.3 | 98.4 | 98.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 200 | 81.1 | 94.3 | 95.8 | 96.2 | 97.4 | 97.4 | 98.3 | 98.4 | 98.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 100 | 81.1 | 94.3 | 95.8 | 96.2 | 97.4 | 97.4 | 98.3 | 98.4 | 98.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 0 | 81.1 | 94.3 | 95.8 | 96.2 | 97.4 | 97.4 | 98.3 | 98.4 | 98.4 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 427

U.S. AIR FORCE
CLIMATE DIVISION
WALLACE FIELD, OHIO

CEILING VERSUS VISIBILITY

STATION: WALLACE SPACE CENTER FL

69-70, 73-80

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

69-70, 73-80
HOURS: 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 39.7 | 45.6 | 46.9 | 47.9 | 48.5 | 48.5 | 49.5 | 49.8 | 49.9 | 50.9 | 50.9 | 50.9 | 51.8 | 51.8 | 52.2 | 52.4 |
| ≥ 20000 | 57.8 | 61.4 | 62.3 | 63.7 | 64.5 | 64.8 | 65.6 | 65.9 | 65.9 | 67.0 | 67.7 | 67.7 | 67.7 | 67.7 | 68.4 | 68.6 |
| ≥ 18000 | 61.1 | 61.9 | 62.8 | 64.4 | 65.1 | 65.5 | 66.1 | 66.5 | 66.5 | 67.3 | 67.3 | 67.3 | 67.5 | 67.5 | 68.5 | 69.1 |
| ≥ 16000 | 61.7 | 62.6 | 63.4 | 65.1 | 65.7 | 65.7 | 66.8 | 67.1 | 67.1 | 68.2 | 68.2 | 68.2 | 68.2 | 69.1 | 69.1 | 69.6 |
| ≥ 14000 | 63.1 | 64.1 | 64.3 | 66.6 | 67.3 | 67.3 | 68.4 | 68.7 | 68.7 | 69.8 | 69.8 | 69.8 | 69.8 | 70.8 | 70.8 | 71.4 |
| ≥ 12000 | 64.3 | 65.1 | 67.1 | 68.7 | 69.5 | 69.5 | 70.6 | 70.9 | 70.9 | 72.1 | 72.1 | 72.1 | 72.3 | 72.9 | 72.9 | 73.4 |
| ≥ 10000 | 66.3 | 68.1 | 69.7 | 70.7 | 71.4 | 71.4 | 72.5 | 72.8 | 72.8 | 73.9 | 73.9 | 73.9 | 73.9 | 74.9 | 74.9 | 75.3 |
| ≥ 9000 | 67.3 | 70.2 | 71.3 | 72.9 | 73.7 | 73.7 | 74.8 | 75.1 | 75.1 | 76.3 | 76.3 | 76.3 | 76.3 | 77.2 | 77.2 | 77.9 |
| ≥ 8000 | 68.9 | 71.3 | 72.9 | 74.5 | 75.3 | 75.3 | 76.4 | 76.7 | 76.7 | 77.9 | 77.9 | 77.9 | 77.9 | 78.9 | 78.9 | 79.3 |
| ≥ 7000 | 69.5 | 72.5 | 73.3 | 75.2 | 75.9 | 75.9 | 77.0 | 77.3 | 77.3 | 78.5 | 78.5 | 78.5 | 78.5 | 79.5 | 79.5 | 79.9 |
| ≥ 6000 | 69.9 | 73.8 | 75.1 | 76.6 | 77.3 | 77.3 | 78.4 | 78.9 | 78.9 | 80.0 | 80.0 | 80.0 | 80.0 | 81.0 | 81.0 | 81.7 |
| ≥ 5000 | 61.7 | 75.3 | 76.5 | 78.1 | 78.9 | 78.9 | 79.9 | 80.4 | 80.4 | 81.6 | 81.6 | 81.6 | 81.6 | 82.5 | 82.5 | 83.0 |
| ≥ 4500 | 62.7 | 76.5 | 77.7 | 79.3 | 80.0 | 80.0 | 81.1 | 81.6 | 81.6 | 82.7 | 82.7 | 82.7 | 82.7 | 83.7 | 83.7 | 84.1 |
| ≥ 4000 | 63.8 | 76.8 | 79.3 | 81.2 | 82.0 | 82.5 | 83.1 | 83.5 | 83.5 | 84.7 | 84.7 | 84.7 | 84.7 | 85.7 | 85.7 | 86.2 |
| ≥ 3500 | 65.3 | 80.7 | 81.0 | 83.5 | 84.3 | 84.3 | 85.3 | 85.8 | 85.8 | 86.9 | 86.9 | 86.9 | 86.9 | 87.9 | 87.9 | 88.5 |
| ≥ 3000 | 66.6 | 82.8 | 84.1 | 85.7 | 86.5 | 86.5 | 87.6 | 88.4 | 88.7 | 89.2 | 89.2 | 89.2 | 89.2 | 90.2 | 90.2 | 90.7 |
| ≥ 2500 | 67.7 | 83.6 | 84.4 | 86.5 | 87.4 | 87.4 | 88.5 | 88.9 | 88.9 | 90.1 | 90.1 | 90.1 | 90.1 | 91.0 | 91.0 | 91.6 |
| ≥ 2000 | 67.6 | 84.7 | 86.1 | 87.6 | 88.5 | 88.5 | 89.5 | 90.2 | 90.7 | 91.2 | 91.2 | 91.2 | 91.2 | 92.1 | 92.1 | 92.7 |
| ≥ 1800 | 67.6 | 84.8 | 86.1 | 87.7 | 88.7 | 88.7 | 89.8 | 90.2 | 90.8 | 91.4 | 91.4 | 91.4 | 91.4 | 92.3 | 92.3 | 92.9 |
| ≥ 1500 | 63.7 | 85.4 | 86.7 | 88.3 | 89.3 | 89.3 | 90.4 | 90.8 | 90.8 | 92.0 | 92.0 | 92.0 | 92.0 | 93.0 | 93.0 | 93.5 |
| ≥ 1200 | 65.3 | 86.1 | 87.4 | 89.1 | 90.1 | 90.1 | 91.2 | 91.6 | 91.6 | 92.8 | 92.8 | 92.8 | 92.8 | 93.7 | 93.7 | 94.3 |
| ≥ 1000 | 67.4 | 86.4 | 87.7 | 89.5 | 90.5 | 90.5 | 91.6 | 92.0 | 92.0 | 93.2 | 93.2 | 93.2 | 93.2 | 94.2 | 94.2 | 94.9 |
| ≥ 900 | 67.4 | 86.5 | 87.9 | 89.9 | 90.9 | 90.9 | 92.0 | 92.4 | 92.4 | 93.6 | 93.6 | 93.6 | 93.6 | 94.6 | 94.6 | 95.1 |
| ≥ 800 | 63.3 | 86.9 | 88.3 | 90.3 | 91.6 | 91.6 | 92.7 | 93.1 | 93.1 | 94.3 | 94.3 | 94.3 | 94.3 | 95.3 | 95.3 | 95.8 |
| ≥ 700 | 68.9 | 87.5 | 89.1 | 91.3 | 92.6 | 92.6 | 93.6 | 94.1 | 94.1 | 95.3 | 95.3 | 95.3 | 95.3 | 96.2 | 96.2 | 96.8 |
| ≥ 600 | 68.3 | 87.9 | 89.4 | 91.7 | 93.0 | 93.0 | 94.1 | 94.5 | 94.5 | 95.7 | 95.7 | 95.7 | 95.7 | 96.8 | 96.8 | 97.3 |
| ≥ 500 | 68.3 | 88.1 | 89.6 | 91.9 | 93.2 | 93.2 | 94.4 | 94.8 | 94.8 | 96.0 | 96.0 | 96.0 | 96.0 | 97.1 | 97.1 | 97.6 |
| ≥ 400 | 68.3 | 88.5 | 90.0 | 92.4 | 94.0 | 94.0 | 95.1 | 95.7 | 95.7 | 96.9 | 96.9 | 96.9 | 96.9 | 98.1 | 98.1 | 98.6 |
| ≥ 300 | 68.3 | 88.5 | 90.0 | 92.4 | 94.0 | 94.0 | 95.1 | 95.8 | 95.8 | 97.1 | 97.1 | 97.1 | 97.1 | 98.4 | 98.4 | 98.9 |
| ≥ 200 | 68.3 | 88.5 | 90.0 | 92.4 | 94.0 | 94.0 | 95.1 | 95.8 | 95.8 | 97.1 | 97.1 | 97.1 | 97.1 | 98.4 | 98.4 | 98.9 |
| ≥ 100 | 68.3 | 88.5 | 90.0 | 92.4 | 94.0 | 94.0 | 95.1 | 95.8 | 95.8 | 97.1 | 97.1 | 97.1 | 97.1 | 98.4 | 98.4 | 98.9 |
| ≥ 0 | 68.3 | 88.5 | 90.0 | 92.4 | 94.0 | 94.0 | 95.1 | 95.8 | 95.8 | 97.1 | 97.1 | 97.1 | 97.1 | 98.5 | 98.5 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 227

U.S. AIR FORCE
 CLIMATE BRANCH
 WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

1. STATION KENNEDY SPACE CENTER FL

69-70,73-80

MAF
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-110
 HOURS 1-11

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 48.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 20000 | 53.8 | 69.8 | 69.8 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| IV 18000 | 64.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 16000 | 64.8 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 14000 | 66.8 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 12000 | 68.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| IV 10000 | 69.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 9000 | 70.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 8000 | 72.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| IV 7000 | 73.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 6000 | 74.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 5000 | 75.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| IV 4500 | 77.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 4000 | 79.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| IV 3500 | 81.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IV 3000 | 81.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 2500 | 81.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 2000 | 83.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 1800 | 83.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 1500 | 83.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| IV 1200 | 83.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 1000 | 84.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 900 | 84.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 800 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 700 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 300 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 100 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 0 | 84.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
METEOROLOGICAL BRANCH
METEOROLOGICAL SERVICE/MAN

CEILING VERSUS VISIBILITY

1. STATION KENNEDY SPACE CENTER FL

69-75, 73-8

YEARS

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-1-1400
HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING | 12.7 | 11.3 | 57.8 | 57.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥20000 | 71.1 | 72.7 | 71.1 | 72.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| N 18000 | 71.1 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| N 16000 | 72.1 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| N 14000 | 73.1 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| N 12000 | 75.1 | 77.3 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| N 10000 | 77.3 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| N 9000 | 78.1 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| N 8000 | 79.1 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| N 7000 | 79.1 | 83.1 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| N 6000 | 81.2 | 84.6 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| N 5000 | 82.3 | 85.9 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| N 4500 | 84.3 | 86.3 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| N 4000 | 85.7 | 87.2 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| N 3500 | 88.1 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| N 3000 | 89.3 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| N 2500 | 89.3 | 90.3 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| N 2000 | 90.4 | 90.5 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| N 1800 | 90.7 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| N 1500 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| N 1200 | 91.1 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| N 1000 | 91.2 | 91.7 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| N 900 | 91.2 | 91.7 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| N 800 | 91.2 | 92.1 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| N 700 | 91.2 | 92.1 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| N 600 | 91.2 | 92.2 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| N 500 | 91.2 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| N 400 | 91.2 | 92.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| N 300 | 91.2 | 92.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| N 200 | 91.2 | 92.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| N 100 | 91.2 | 92.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| N 0 | 91.2 | 92.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
CLIMATE DIVISION
WALLINGFORD SERVICE/MAL

CEILING VERSUS VISIBILITY

1 STATION NAME STANLEY SPACE CENTER FL

67-70, 72-3

YEARS

VA
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1555-1700
HOURS (EST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | ≥10 | ≥8 | ≥6 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥20000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥18000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥16000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥14000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥12000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥10000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥9000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥8000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥7000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥6000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥5000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥4500 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥4000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥3500 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥3000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥2500 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥2000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥1800 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥1500 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥1200 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥1000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥900 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥800 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥700 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥600 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥500 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥400 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥300 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥200 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥100 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |

TOTAL NUMBER OF OBSERVATIONS 930

ADULTS ONLY
 CEILING
 SERVICE AREA

CEILING VERSUS VISIBILITY

STATION NAME
 W. ANNEEY ROAD CENTER FL

STATION NUMBER
 87-70,75-2

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅓ | ≥⅒ | ≥0 |
| NO CEILING | 57.1 | 55.8 | 55.1 | 54.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥20000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 18000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 16000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 14000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 12000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 10000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 9000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 8000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 7000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 6000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 5000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 4500 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 4000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 3500 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 3000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 2500 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 2000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 1800 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 1500 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 1200 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 1000 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 900 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 800 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 700 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 600 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 500 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 400 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 300 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 200 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 100 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 0 | 74.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |

TOTAL NUMBER OF OBSERVATIONS 631

U.S. AIR FORCE
 1. NAME OF STATION
 2. LOCATION
 3. DATE OF SERVICE/RECORD

CEILING VERSUS VISIBILITY

STATION NAME: WANDY BEACH CENTER FL

DATE: 6-7-73

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1. TIME OF DAY
 2. HOURS

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ .01 | ≥ 0 |
| NO CEILING | 67.2 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 20000 | 73.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV 18000 | 73.7 | 75.6 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| IV 16000 | 73.4 | 75.3 | 75.1 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 14000 | 74.4 | 76.3 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| IV 12000 | 76.7 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| IV 10000 | 73.5 | 81.2 | 81.7 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IV 9000 | 72.4 | 82.0 | 82.0 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| IV 8000 | 81.4 | 83.2 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 7000 | 81.4 | 84.5 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IV 6000 | 82.3 | 85.9 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 5000 | 82.3 | 86.8 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 4500 | 86.1 | 90.3 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 4000 | 86.3 | 91.2 | 91.5 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| IV 3500 | 88.4 | 93.7 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 3000 | 89.7 | 94.6 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 2500 | 90.8 | 96.6 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 2000 | 90.9 | 97.0 | 97.3 | 97.3 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1800 | 97.5 | 97.1 | 97.7 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1500 | 91.1 | 97.0 | 98.1 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1200 | 91.1 | 97.7 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 1000 | 91.2 | 97.6 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 900 | 91.2 | 97.8 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 800 | 91.2 | 98.0 | 98.5 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 91.2 | 98.1 | 98.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 91.2 | 98.1 | 98.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500 | 91.2 | 98.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 91.2 | 98.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 91.2 | 98.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 91.2 | 98.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 91.2 | 98.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 91.2 | 98.3 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 830

1. AL CLIMATOLOGICAL STATION
 2. STATION NAME
 3. DATE - SERVICE YEAR

CEILING VERSUS VISIBILITY

STATION MANDEY BEACH, CENTRAL FL YEARS 67-70, 73-74 MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 64.5 | 57.0 | 57.4 | 51.2 | 51.4 | 53.4 | 53.4 | 55.7 | 51.7 | 50.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 57.4 |
| ≥ 20000 | 67.3 | 72.3 | 72.4 | 72.7 | 72.9 | 72.9 | 73.2 | 73.3 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.7 | 73.8 |
| ≥ 18000 | 67.3 | 71.4 | 71.5 | 72.1 | 72.3 | 73.3 | 73.6 | 73.6 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 74.1 | 74.1 | 74.2 |
| ≥ 16000 | 65.4 | 73.3 | 73.4 | 73.7 | 73.9 | 73.9 | 74.2 | 74.2 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.8 |
| ≥ 14000 | 68.3 | 74.3 | 74.4 | 74.9 | 75.1 | 75.1 | 75.4 | 75.4 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 | 76.1 |
| ≥ 12000 | 71.3 | 75.4 | 75.5 | 77.1 | 77.4 | 77.4 | 77.6 | 77.7 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 | 78.2 |
| ≥ 10000 | 72.3 | 75.5 | 75.5 | 77.3 | 77.6 | 77.6 | 77.8 | 77.9 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.3 | 78.3 | 78.4 |
| ≥ 9000 | 74.3 | 75.1 | 75.2 | 77.9 | 78.2 | 78.2 | 78.4 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.9 | 78.9 | 79.1 |
| ≥ 8000 | 75.4 | 76.1 | 76.1 | 78.4 | 78.7 | 78.7 | 78.9 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 | 79.4 | 79.5 |
| ≥ 7000 | 76.7 | 78.4 | 78.4 | 79.3 | 79.6 | 79.6 | 79.8 | 79.9 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.4 |
| ≥ 6000 | 77.7 | 81.0 | 81.0 | 82.8 | 83.2 | 83.2 | 83.4 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 84.1 |
| ≥ 5000 | 78.3 | 84.7 | 84.7 | 85.3 | 85.6 | 85.6 | 85.8 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.3 | 86.3 | 86.4 |
| ≥ 4500 | 79.3 | 85.3 | 85.4 | 87.8 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 | 89.1 |
| ≥ 4000 | 80.7 | 88.9 | 88.9 | 89.8 | 90.1 | 90.1 | 90.3 | 90.4 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 91.1 |
| ≥ 3500 | 82.3 | 90.3 | 90.3 | 91.7 | 91.7 | 91.7 | 92.0 | 92.0 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.6 |
| ≥ 3000 | 83.3 | 91.3 | 91.3 | 92.2 | 92.5 | 92.5 | 92.9 | 92.9 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.5 |
| ≥ 2500 | 84.3 | 92.9 | 92.9 | 93.2 | 93.5 | 93.5 | 93.9 | 93.9 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.5 |
| ≥ 2000 | 84.3 | 94.3 | 94.3 | 94.2 | 94.5 | 94.5 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 | 95.6 |
| ≥ 1800 | 84.7 | 94.7 | 94.7 | 94.5 | 94.8 | 94.8 | 95.2 | 95.2 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.8 |
| ≥ 1600 | 85.1 | 95.2 | 95.2 | 95.3 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.5 |
| ≥ 1400 | 85.1 | 95.2 | 95.2 | 95.3 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.5 |
| ≥ 1200 | 85.1 | 95.2 | 95.2 | 95.3 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.5 |
| ≥ 1000 | 85.1 | 95.4 | 95.4 | 95.9 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.3 |
| ≥ 900 | 85.3 | 95.4 | 95.4 | 96.4 | 96.7 | 96.7 | 97.1 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.7 |
| ≥ 800 | 85.3 | 95.7 | 95.7 | 97.3 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.5 |
| ≥ 700 | 85.4 | 95.8 | 95.8 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 |
| ≥ 600 | 85.4 | 95.8 | 95.8 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 |
| ≥ 500 | 85.4 | 95.8 | 95.8 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 |
| ≥ 400 | 85.4 | 95.8 | 95.8 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 |
| ≥ 300 | 85.4 | 95.8 | 95.8 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 |
| ≥ 200 | 85.4 | 95.8 | 95.8 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 |
| ≥ 100 | 85.4 | 95.8 | 95.8 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 7430

AL ALTIMETER 114 CH
 17 TAC
 17 STATION SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL

69-71,73-1

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-100
 HOURS 1.5

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.25 | ≥.1 | ≥.05 | ≥.025 | ≥.01 | ≥0 |
| NO CEILING | 63.3 | 53.3 | 61.9 | 59.9 | 59.1 | 67.1 | 67.1 | 69.1 | 67.1 | 69.1 | 69.1 | 67.1 | 67.1 | 69.1 | 67.1 | 67.1 |
| ≥20000 | 67.3 | 53.3 | 67.7 | 53.8 | 54.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥18000 | 61.1 | 64.7 | 64.4 | 64.6 | 64.8 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥16000 | 61.2 | 64.3 | 65.2 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥14000 | 60.9 | 65.3 | 66.2 | 66.3 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥12000 | 64.1 | 67.3 | 67.2 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥10000 | 65.6 | 69.1 | 69.4 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥9000 | 66.3 | 69.9 | 70.7 | 70.4 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥8000 | 67.1 | 70.7 | 71.1 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥7000 | 71.1 | 71.7 | 71.8 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥6000 | 71.1 | 71.7 | 72.1 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥5000 | 72.7 | 72.7 | 73.1 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥4500 | 72.7 | 74.3 | 74.0 | 74.2 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥4000 | 72.7 | 75.6 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥3500 | 72.7 | 77.4 | 77.9 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥3000 | 72.7 | 77.7 | 78.1 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥2500 | 72.7 | 78.0 | 78.4 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥2000 | 72.7 | 78.4 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥1800 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥1500 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥1200 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥1000 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥900 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥800 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥700 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥600 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥500 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥400 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥300 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥200 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥100 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥0 | 72.7 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATE DATA
 STATION
 AIR FORCE RESERVE CENTER

CEILING VERSUS VISIBILITY

STATION AIR FORCE RESERVE CENTER FL

19-71, 73-2

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1971-1973
 HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ½ | ¼ | ≥16 | ≥0 |
| NO CEILING | 64.4 | 67.8 | 68.4 | 68.4 | 68.9 | 68.9 | 69.2 | 69.2 | 69.4 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.7 |
| ≥ 20000 | 73.7 | 79.6 | 81.1 | 81.3 | 81.7 | 82.8 | 81.0 | 81.0 | 81.7 | 81.0 | 81.0 | 81.0 | 81.2 | 81.2 | 81.3 |
| ≥ 18000 | 75.7 | 81.1 | 81.7 | 81.1 | 81.1 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.7 | 81.7 | 82.7 |
| ≥ 16000 | 76.7 | 81.1 | 81.7 | 82.1 | 82.1 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.7 | 82.7 | 83.0 |
| ≥ 14000 | 76.8 | 81.2 | 81.9 | 82.2 | 82.3 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 83.1 | 83.1 | 83.2 |
| ≥ 12000 | 76.7 | 83.1 | 83.3 | 84.1 | 84.2 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 85.1 |
| ≥ 10000 | 81.1 | 85.2 | 87.7 | 86.2 | 86.3 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 87.1 |
| ≥ 9000 | 81.3 | 87.2 | 87.4 | 88.2 | 88.3 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 | 89.1 |
| ≥ 8000 | 81.7 | 87.8 | 84.7 | 88.6 | 88.7 | 88.8 | 89.7 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.5 |
| ≥ 7000 | 82.2 | 87.9 | 88.9 | 88.9 | 89.7 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.6 | 89.6 | 89.8 |
| ≥ 6000 | 82.3 | 88.2 | 88.7 | 89.2 | 89.3 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.9 | 89.9 | 90.1 |
| ≥ 5000 | 83.3 | 89.9 | 91.3 | 91.9 | 91.0 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.6 | 91.6 | 91.9 |
| ≥ 4500 | 85.4 | 92.1 | 93.8 | 93.1 | 93.2 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.8 | 93.8 | 94.1 |
| ≥ 4000 | 86.8 | 94.0 | 94.9 | 95.2 | 95.3 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 96.1 |
| ≥ 3500 | 87.1 | 95.4 | 96.1 | 96.4 | 96.6 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.4 |
| ≥ 3000 | 87.7 | 95.8 | 96.4 | 96.6 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.8 |
| ≥ 2500 | 88.1 | 96.1 | 96.9 | 97.1 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 98.1 |
| ≥ 2000 | 88.3 | 96.2 | 97.4 | 97.8 | 97.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.8 |
| ≥ 1800 | 88.3 | 96.9 | 97.8 | 97.9 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.9 |
| ≥ 1500 | 88.4 | 97.1 | 97.7 | 98.1 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 99.1 |
| ≥ 1200 | 88.5 | 97.1 | 97.9 | 98.1 | 98.7 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 99.1 |
| ≥ 1000 | 88.7 | 97.3 | 98.1 | 98.3 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.3 |
| ≥ 900 | 88.9 | 97.4 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.4 |
| ≥ 800 | 88.9 | 97.4 | 98.1 | 98.4 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.4 |
| ≥ 700 | 88.9 | 97.7 | 98.3 | 98.7 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.7 |
| ≥ 600 | 88.9 | 97.9 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 |
| ≥ 500 | 88.9 | 97.7 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 |
| ≥ 400 | 88.9 | 97.9 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 |
| ≥ 300 | 88.9 | 97.9 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 |
| ≥ 200 | 88.9 | 97.9 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 |
| ≥ 100 | 88.9 | 97.9 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 |
| ≥ 0 | 88.9 | 97.9 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

151

JOINT CLIMATOLOGY BRANCH
HAFSATC
WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION NAME KENNEDY SPACE CENTER FL

YEARS 64-71, 73-77

DATE

STATION

STATION NAME

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. OF
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 20000 | 61.4 | 73.7 | 74.6 | 76.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 18000 | 61.4 | 73.7 | 74.6 | 76.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 16000 | 62.1 | 74.6 | 75.7 | 77.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 14000 | 62.9 | 75.9 | 77.1 | 78.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 12000 | 63.3 | 76.4 | 76.8 | 78.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 10000 | 65.7 | 79.9 | 81.7 | 82.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 9000 | 66.2 | 80.9 | 82.7 | 83.5 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 8000 | 67.3 | 82.4 | 83.3 | 85.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 7000 | 68.7 | 83.1 | 84.4 | 86.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 6000 | 68.8 | 84.7 | 85.3 | 86.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 5000 | 69.6 | 85.3 | 86.7 | 88.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4500 | 71.3 | 88.7 | 89.1 | 89.6 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 4000 | 71.4 | 88.7 | 89.1 | 89.7 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 3500 | 72.2 | 88.6 | 90.0 | 91.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 3000 | 72.8 | 89.0 | 90.9 | 92.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2500 | 73.2 | 90.3 | 91.3 | 92.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2000 | 73.4 | 90.6 | 91.4 | 93.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1800 | 73.4 | 90.7 | 92.1 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1500 | 73.4 | 90.7 | 92.1 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 73.7 | 91.2 | 92.6 | 94.2 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1000 | 74.1 | 91.5 | 92.9 | 94.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 900 | 74.2 | 92.1 | 93.3 | 95.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 800 | 74.2 | 92.1 | 93.3 | 95.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 700 | 74.2 | 92.3 | 93.7 | 95.4 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 600 | 74.2 | 92.4 | 93.9 | 95.6 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 500 | 74.4 | 92.9 | 94.3 | 96.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 400 | 74.4 | 93.1 | 94.5 | 96.4 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 300 | 74.4 | 93.1 | 94.5 | 96.4 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 200 | 74.4 | 93.1 | 94.5 | 96.4 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 100 | 74.4 | 93.1 | 94.5 | 96.4 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 0 | 74.4 | 93.1 | 94.5 | 96.4 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATE DATA
 THE
 DATA SERVICE AREA

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL

60-70, 73-3

ADP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

90-11-10
 HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥1/2 | ≥0 |
| NO CEILING | 59.3 | 62.4 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 20000 | 71.9 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 18000 | 72.7 | 77.4 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| IV 16000 | 72.3 | 78.1 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IV 14000 | 73.1 | 79.2 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| IV 12000 | 74.3 | 80.8 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 10000 | 75.2 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| IV 9000 | 76.3 | 83.7 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| IV 8000 | 78.4 | 85.4 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 7000 | 79.2 | 86.2 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 6000 | 81.8 | 88.2 | 88.4 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| IV 5000 | 82.1 | 89.0 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 4500 | 83.2 | 91.4 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| IV 4000 | 83.3 | 91.9 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 3500 | 85.3 | 94.1 | 94.4 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 3000 | 85.9 | 94.9 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| IV 2500 | 86.1 | 95.4 | 96.3 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 2000 | 86.3 | 95.4 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 1800 | 87.1 | 96.3 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 1500 | 87.3 | 97.6 | 98.1 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1200 | 88.1 | 98.7 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1000 | 88.2 | 98.1 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 900 | 88.1 | 98.2 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 800 | 88.1 | 98.2 | 99.1 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700 | 88.1 | 98.2 | 99.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 600 | 88.1 | 98.2 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 88.1 | 98.2 | 99.1 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 88.1 | 98.2 | 99.1 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 88.1 | 98.2 | 99.1 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 88.1 | 98.2 | 99.1 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 88.1 | 98.2 | 99.1 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 88.1 | 98.2 | 99.1 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
 AFCE/ETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL
 STATION NAME

YEARS: 69-73-74

MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS: 15

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING ≥ 20000 | 61.6 | 62.9 | 61.4 | 62.9 | 61.6 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 18000 | 79.1 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 16000 | 79.1 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 14000 | 79.1 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 12000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 10000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 9000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 8000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 7000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 6000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 5000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 4500 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 4000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3500 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 2500 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 2000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 1800 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 1500 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 1200 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 1000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 900 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 800 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 700 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 600 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 500 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 400 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 300 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 200 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 100 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |

TOTAL NUMBER OF OBSERVATIONS

900

U.S. AIR CLIMATOLOGY BUREAU
WATERLOO, IOWA
U.S. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL

89-70,73-01

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1989-1990
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .16 | ≥ 0 |
| NO CEILING | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 20000 | 79.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 18000 | 79.1 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 16000 | 79.4 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 14000 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 12000 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 10000 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 9000 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 8000 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 7000 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 6000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 5000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 4500 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 4000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2500 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 522

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

METEOROLOGICAL CLIMATOLOGY BRANCH
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL

69-70,73-01

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1969-2000
HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 62.5 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 20000 | 62.5 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 18000 | 62.5 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 16000 | 61.3 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 14000 | 62.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 12000 | 63.3 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 10000 | 65.3 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 9000 | 66.4 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 8000 | 67.7 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 7000 | 68.7 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 6000 | 69.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 5000 | 70.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 4500 | 70.8 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 4000 | 71.3 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 3500 | 71.9 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 3000 | 72.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 2500 | 73.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 2000 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 1800 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 1500 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 1200 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 1000 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 900 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 800 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 700 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 600 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 500 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 400 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 300 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 200 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 100 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 0 | 73.5 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |

TOTAL NUMBER OF OBSERVATIONS 899

OFFICIAL CLIMATE DATA REPORT
 1. DATE: 10-1-64
 2. CLIMATE SERVICE/MAC

CEILING VERSUS VISIBILITY

1. STATION: KENNEDY SPACE CENTER FL
 STATION NAME

2. DATE: 10-1-64
 YEARS

3. DATE: 10-1-64
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4. DATE: 10-1-64
 HOURS: 1-5

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.25 | ≥.1 | ≥.05 | ≥.025 | ≥.01 | ≥.005 |
| NO CEILING | 72.2 | 73.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥20000 | 77.4 | 73.3 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥18000 | 73.4 | 73.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥16000 | 73.4 | 73.6 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥14000 | 73.4 | 73.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥12000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥10000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥9000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥8000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥7000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥6000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥5000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥4500 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥4000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥3500 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥3000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥2500 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥2000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥1800 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥1500 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥1200 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥1000 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥900 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥800 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥700 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥600 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥500 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥400 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥300 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥200 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥100 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥0 | 73.4 | 73.8 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |

TOTAL NUMBER OF OBSERVATIONS

400

U.S. AIR FORCE
 AIRCRAFT
 AIRCRAFT SURVEILLANCE

CEILING VERSUS VISIBILITY

STATION: STATION NAME: YEARS: 1971, 72 MONTH: APR
 ALL HOURS: 1-24

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| NO CEILING | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 20000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 18000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 16000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 14000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 12000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 10000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 9000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 8000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 7000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 6000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 5000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 4500 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 4000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 3500 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 3000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 2500 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 2000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 1800 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 1500 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 1200 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 1000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 900 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 800 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 700 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 600 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 500 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 400 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 300 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 200 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 100 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 0 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |

TOTAL NUMBER OF OBSERVATIONS: 7199

LOCAL CLIMATE BRANCH
 USAF ETAC
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL

69-70, 73-8

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 137
 1-57

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.15 |
| NO CEILING | 64.2 | 52.6 | 68.1 | 53.1 | 66.1 | 63.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 20000 | 77.1 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| 18000 | 77.1 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| 16000 | 73.1 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| 14000 | 73.1 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 12000 | 81.3 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 10000 | 83.9 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 9000 | 86.3 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 8000 | 87.2 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 7000 | 87.4 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 6000 | 87.7 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 5000 | 88.9 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 4500 | 89.5 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 4000 | 90.4 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 3500 | 95.9 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 3000 | 91.4 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 2500 | 91.7 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 2000 | 92.1 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 1800 | 92.1 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 1500 | 92.6 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1200 | 92.8 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1000 | 92.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 900 | 92.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 800 | 92.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 700 | 92.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 600 | 92.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 500 | 92.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 400 | 92.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 300 | 92.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 92.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 92.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 92.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 729

U.S. AIR FORCE METEOROLOGICAL BRANCH
WAFB
METEOROLOGICAL SERVICE/FAO

CEILING VERSUS VISIBILITY

1 STATION WUNNLEY SPACE CENTER FL

89-73,73-87

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1310-5500
HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 63.4 | 68.1 | 68.1 | 67.1 | 67.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 20000 | 73.1 | 74.3 | 84.7 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| IV 18000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 16000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 14000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 12000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 10000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 9000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 8000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 7000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 6000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 5000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 4500 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 4000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 3500 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 3000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 2500 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 2000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 1800 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 1500 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 1200 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 1000 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 900 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 800 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 700 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 600 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 500 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 400 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 300 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 200 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 100 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| IV 0 | 73.4 | 74.5 | 84.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
CLIMATE CENTER
WRIGHT PATTENSON AIR FORCE BASE
DAYTON, OHIO 45433-7700

CEILING VERSUS VISIBILITY

STATION: 1 16 WANNEDY SPACE CENTER FL 48-77,73-6 YEAR: 1964 MONTH: 5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

510-1000
HOURS LST

| CEILING (FEET) | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 | ≥.3 |
| NO CEILING | 47.2 | 54.4 | 55.7 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 20000 | 62.3 | 72.7 | 71.7 | 74.4 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| IV 18000 | 62.4 | 72.8 | 71.7 | 74.5 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV 16000 | 63.4 | 74.1 | 75.1 | 76.8 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 14000 | 64.5 | 75.3 | 76.3 | 77.7 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| IV 12000 | 67.2 | 75.9 | 76.9 | 81.6 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IV 10000 | 69.7 | 81.1 | 82.3 | 82.9 | 82.7 | 82.7 | 83.7 | 83.9 | 83.8 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 9000 | 71.0 | 83.2 | 84.4 | 85.2 | 85.9 | 85.9 | 86.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 8000 | 71.2 | 84.2 | 85.4 | 86.1 | 86.9 | 86.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 7000 | 73.2 | 85.6 | 86.8 | 87.5 | 88.3 | 88.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 6000 | 73.3 | 86.5 | 87.3 | 88.4 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 5000 | 74.5 | 87.3 | 88.9 | 89.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 4500 | 75.4 | 88.2 | 89.4 | 90.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 4000 | 76.6 | 89.4 | 90.2 | 91.3 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 3500 | 76.6 | 89.8 | 91.0 | 91.9 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 3000 | 76.7 | 90.0 | 91.7 | 92.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 2500 | 77.1 | 90.4 | 91.8 | 92.8 | 93.9 | 93.9 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IV 2000 | 77.4 | 91.4 | 92.8 | 93.3 | 94.8 | 94.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| IV 1800 | 77.8 | 91.7 | 93.1 | 94.1 | 95.2 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 1500 | 77.8 | 92.2 | 93.5 | 94.5 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV 1200 | 78.1 | 93.1 | 94.0 | 95.6 | 96.8 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1000 | 78.1 | 93.2 | 94.7 | 95.7 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 900 | 78.1 | 93.2 | 94.7 | 95.7 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 800 | 78.4 | 93.0 | 95.3 | 96.2 | 97.5 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 700 | 78.3 | 94.1 | 95.0 | 96.0 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 600 | 78.6 | 94.1 | 95.0 | 96.0 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 500 | 78.6 | 94.3 | 95.8 | 96.8 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 400 | 78.9 | 94.6 | 95.9 | 97.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 300 | 78.9 | 94.6 | 96.8 | 97.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 200 | 78.9 | 94.6 | 96.8 | 97.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 100 | 78.9 | 94.6 | 96.8 | 97.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 0 | 78.9 | 94.6 | 96.8 | 97.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS: 47

U.S. AIR FORCE
ETAC
WEATHER SERVICE, 7540

CEILING VERSUS VISIBILITY

STATION ARMY SPACE CENTER FL STATION NAME

1-71, 72-8 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9-11-10 HOURS LST

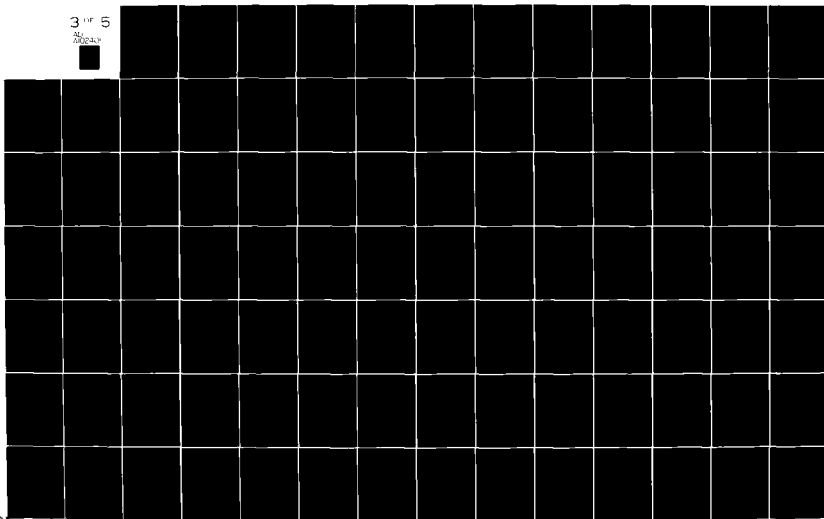
| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 51.7 | 54.9 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 20000 | 52.1 | 74.7 | 75.7 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 18000 | 67.4 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 16000 | 71.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 14000 | 71.9 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 12000 | 74.7 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 10000 | 77.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 9000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 8000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 7000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 6000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 5000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 4500 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 4000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 3500 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 3000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 2500 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 2000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 1800 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 1500 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 1200 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 1000 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 900 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 800 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 700 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 600 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 500 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 400 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 300 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 200 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 100 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 0 | 77.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |

TOTAL NUMBER OF OBSERVATIONS 570

AD-A102 401 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
MAY 81
UNCLASSIFIED UAFETAC/DS-81/062 SRIE-AD-E850 093 NL

3 of 5

NO
JUL 81



U.S. AIR FORCE
 METEOROLOGICAL BRANCH
 WASHINGTON, D.C.
 WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

STATION: WAGNER SPACE CENTER FL

69-70, 73-74

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13.0-14.0
 HOURS PER DAY

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 49.1 | 51.9 | 50.7 | 50.7 | 50.8 | 52.3 | 52.5 | 52.8 | 52.1 | 52.1 | 52.1 | 52.1 | 52.8 | 52.8 | 52.8 | 51.9 |
| ≥ 20000 | 71.7 | 75.5 | 76.7 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 18000 | 71.9 | 75.5 | 76.3 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 16000 | 72.5 | 76.1 | 76.4 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 14000 | 73.3 | 76.3 | 76.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 12000 | 77.4 | 81.9 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 10000 | 79.9 | 85.5 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 9000 | 80.5 | 86.6 | 87.3 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 8000 | 81.7 | 88.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 7000 | 82.2 | 88.3 | 89.3 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 6000 | 82.5 | 89.4 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 5000 | 82.8 | 89.5 | 90.4 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 4500 | 83.2 | 90.7 | 91.7 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 4000 | 84.1 | 91.4 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 3500 | 84.3 | 92.3 | 93.4 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 3000 | 86.1 | 94.3 | 95.7 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2500 | 86.7 | 95.2 | 96.1 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | 87.5 | 96.5 | 97.3 | 98.3 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 |
| ≥ 1500 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 1200 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 88.1 | 96.9 | 98.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 932

1. NAME OF THE AERODROME OR STATION
2. ICAO CODE
3. LOCATION OF THE AERODROME

CEILING VERSUS VISIBILITY

1. STATION KENNEDY SPACE CENTER FL
STATION NAME

6-77, 78-1
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1501-1774
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|---------|---------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 1/32 | ≥ 1/64 | ≥ 1/128 | ≥ 1/256 | ≥ 0 |
| NO CEILING | 45.0 | 45.0 | 5.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| ≥ 20000 | 71.4 | 76.2 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 18000 | 71.4 | 76.2 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 16000 | 71.4 | 76.2 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 14000 | 73.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 12000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 10000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 9000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 8000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 7000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 6000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 5000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 4500 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 4000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 3500 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 3000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 2500 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 2000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1800 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1500 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1200 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1000 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 900 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 800 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 700 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 600 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 500 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 400 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 300 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 200 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 100 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 0 | 74.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |

TOTAL NUMBER OF OBSERVATIONS 471

ALPHABETICALLY BY STATION
 NAME
 SERVICE/AC

CEILING VERSUS VISIBILITY

STATION FLANNERY SPACE CENTER FL

66-70, 71-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-1-66
 HOURS

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.0 |
| NO CEILING | 47.3 | 48.3 | 49.3 | 49.2 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| ≥ 20000 | 69.5 | 74.5 | 74.5 | 75.4 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 18000 | 69.5 | 74.7 | 75.3 | 75.6 | 75.8 | 75.9 | 76.7 | 75.0 | 76.1 | 75.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 16000 | 70.5 | 75.4 | 75.7 | 76.2 | 75.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 14000 | 71.1 | 76.3 | 76.3 | 77.2 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 12000 | 73.3 | 79.1 | 79.0 | 81.0 | 81.2 | 81.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 10000 | 76.7 | 83.9 | 84.4 | 84.8 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 9000 | 79.4 | 86.5 | 87.1 | 87.4 | 87.7 | 87.7 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 8000 | 79.9 | 87.7 | 88.3 | 88.7 | 89.0 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 7000 | 80.3 | 88.3 | 89.4 | 89.6 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 6000 | 81.2 | 89.9 | 91.4 | 90.9 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 5000 | 82.5 | 91.8 | 92.4 | 92.9 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 4500 | 83.4 | 93.1 | 93.9 | 94.1 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 4000 | 83.9 | 93.8 | 94.3 | 94.7 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3500 | 84.7 | 94.7 | 95.3 | 95.7 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3000 | 85.4 | 95.8 | 96.3 | 96.8 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2500 | 85.7 | 96.2 | 96.8 | 97.3 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 86.0 | 96.8 | 97.4 | 98.0 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1800 | 86.1 | 96.8 | 97.8 | 98.1 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1500 | 86.3 | 97.3 | 98.1 | 98.5 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | 86.5 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 1000 | 86.5 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 800 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 0 | 86.6 | 97.6 | 98.3 | 98.8 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE
 AIRCRAFT
 AIRCRAFT SERVICE/MAINT

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL

59-77, 73-01

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

11-0-000
 HOURS PER YEAR

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 14.4 | 37.5 | 54.1 | 66.1 | 74.2 | 80.2 | 84.2 | 88.2 | 91.2 | 93.2 | 94.2 | 95.2 | 96.2 | 97.2 | 98.2 | 99.2 |
| ≥ 20000 | 71.5 | 75.4 | 76.1 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 18000 | 71.5 | 75.7 | 76.5 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 16000 | 72.2 | 75.9 | 76.7 | 76.8 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 14000 | 73.3 | 77.3 | 78.1 | 78.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 12000 | 75.3 | 79.7 | 81.4 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 10000 | 79.7 | 83.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 9000 | 80.3 | 86.1 | 87.7 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 8000 | 82.9 | 88.3 | 89.9 | 91.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 7000 | 83.3 | 89.1 | 90.9 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 6000 | 84.1 | 90.1 | 91.8 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 5000 | 84.7 | 91.1 | 92.1 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 4500 | 86.0 | 92.4 | 93.4 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 4000 | 86.3 | 93.2 | 94.7 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 3500 | 87.3 | 94.3 | 95.8 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 3000 | 88.1 | 95.4 | 96.7 | 96.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 2500 | 89.3 | 96.7 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2000 | 89.3 | 97.0 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 89.4 | 97.1 | 98.4 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1500 | 89.5 | 97.6 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 89.5 | 97.8 | 99.1 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 89.5 | 97.8 | 99.1 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 89.9 | 97.8 | 99.1 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 89.9 | 97.3 | 99.1 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 89.9 | 97.8 | 99.1 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 89.9 | 97.8 | 99.1 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 89.9 | 97.8 | 99.1 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 89.9 | 97.8 | 99.1 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 89.9 | 97.8 | 99.1 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 89.9 | 97.3 | 99.1 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.9 | 97.8 | 99.1 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.9 | 97.8 | 99.1 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 970

U.S. AIR FORCE
METEOROLOGICAL BRANCH
ETAC
STATION - SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION NAME KENNEDY SPACE CENTER FL

64-70,73-0

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING -FEET- | VISIBILITY -STATUTE MILES- | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥. | ≥0 |
| NO CEILING | 52.5 | 56.7 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 20000 | 71.5 | 76.8 | 77.4 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| IV 18000 | 71.5 | 77.0 | 77.5 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IV 16000 | 72.3 | 77.8 | 78.3 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| IV 14000 | 73.2 | 79.1 | 79.5 | 79.8 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| IV 12000 | 75.7 | 81.3 | 82.3 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| IV 10000 | 78.7 | 85.2 | 85.8 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 |
| IV 9000 | 79.9 | 87.2 | 87.9 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 |
| IV 8000 | 80.9 | 88.5 | 89.1 | 89.4 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 7000 | 81.4 | 89.1 | 89.8 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 |
| IV 6000 | 81.7 | 89.8 | 90.4 | 90.7 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 |
| IV 5000 | 82.7 | 90.8 | 91.5 | 91.8 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 4500 | 83.6 | 92.7 | 92.7 | 93.0 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 |
| IV 4000 | 84.2 | 92.3 | 93.6 | 93.9 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 3500 | 84.3 | 93.7 | 94.4 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 |
| IV 3000 | 85.5 | 94.6 | 95.4 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| IV 2500 | 86.1 | 95.4 | 96.2 | 96.6 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 2000 | 86.5 | 96.2 | 97.1 | 97.5 | 97.9 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 |
| IV 1800 | 86.3 | 96.4 | 97.3 | 97.7 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 1500 | 86.5 | 96.7 | 97.5 | 98.1 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 |
| IV 1200 | 87.1 | 97.1 | 98.1 | 98.5 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| IV 1000 | 87.2 | 97.2 | 98.1 | 98.6 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 |
| IV 900 | 87.2 | 97.2 | 98.1 | 98.6 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| IV 800 | 87.3 | 97.4 | 98.2 | 98.7 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 87.3 | 97.4 | 98.3 | 98.8 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| IV 600 | 87.3 | 97.5 | 98.3 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 500 | 87.3 | 97.5 | 98.4 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 400 | 87.3 | 97.6 | 98.5 | 99.0 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 300 | 87.4 | 97.6 | 98.5 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 200 | 87.4 | 97.6 | 98.5 | 99.0 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 100 | 87.4 | 97.6 | 98.5 | 99.0 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 0 | 87.4 | 97.7 | 98.6 | 99.1 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7439

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL

69-70, 73-81

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1000
HOURS (LT)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING ≥ 20000 | 77.1 | 79.3 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 18000 | 77.4 | 79.7 | 79.8 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 16000 | 78.3 | 80.2 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 14000 | 79.3 | 81.0 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 12000 | 81.6 | 84.0 | 84.1 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 10000 | 84.3 | 87.0 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 9000 | 86.3 | 90.0 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 8000 | 87.7 | 91.4 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 7000 | 87.9 | 91.8 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 6000 | 88.3 | 92.3 | 92.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 5000 | 89.1 | 93.2 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 4500 | 90.3 | 94.6 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 4000 | 91.1 | 95.4 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 3500 | 91.1 | 95.6 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 3000 | 91.4 | 95.9 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 2500 | 91.6 | 96.3 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 2000 | 92.8 | 98.1 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 92.9 | 98.2 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 93.0 | 98.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 93.1 | 98.6 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 93.2 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 93.2 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 93.2 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 93.3 | 98.8 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 93.3 | 98.8 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 93.4 | 98.9 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 93.4 | 98.9 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 93.4 | 99.0 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 93.4 | 99.0 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 93.6 | 99.0 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 93.6 | 99.0 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 500

U.S. AIR FORCE
 AIRCRAFT
 WITH A SERVICE

CEILING VERSUS VISIBILITY

STATION NAME MINNEDY SPACE CENTER FL

STATION NUMBER 47-70,75-00

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD OF OBSERVATION
 HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 61.3 | 55.7 | 65.7 | 66.3 | 61.3 | 56.3 | 64.3 | 66.3 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 20000 | 74.4 | 81.1 | 81.4 | 81.6 | 81.6 | 81.6 | 80.6 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 18000 | 74.4 | 81.1 | 81.4 | 81.6 | 81.6 | 81.6 | 80.6 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 16000 | 75.3 | 81.1 | 81.7 | 81.8 | 81.8 | 81.8 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 14000 | 77.2 | 82.6 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 12000 | 79.3 | 84.3 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 10000 | 81.7 | 86.1 | 86.7 | 86.8 | 86.8 | 86.8 | 86.4 | 86.4 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 9000 | 83.3 | 88.9 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 8000 | 84.3 | 91.4 | 91.3 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 7000 | 85.0 | 92.3 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 6000 | 85.3 | 92.6 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 5000 | 86.1 | 93.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 4500 | 86.8 | 94.6 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4000 | 87.2 | 95.1 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 3500 | 87.6 | 95.4 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3000 | 88.2 | 95.3 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 2500 | 88.7 | 97.1 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 2000 | 89.0 | 97.6 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 89.1 | 97.7 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 89.3 | 97.9 | 98.1 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1200 | 89.4 | 98.1 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 89.7 | 98.3 | 98.7 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 89.9 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 750

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL

63-70, 73-80

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1657-1666
HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|-------|-------|------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ 0 |
| NO CEILING | 44.3 | 54.4 | 55.4 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.7 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 20000 | 61.6 | 74.4 | 76.3 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 18000 | 62.1 | 75.7 | 76.9 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 16000 | 64.1 | 77.2 | 79.7 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 14000 | 65.7 | 77.7 | 81.8 | 81.4 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 12000 | 69.3 | 83.3 | 85.1 | 85.6 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 10000 | 71.4 | 86.3 | 87.7 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 9000 | 72.6 | 87.4 | 89.4 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 8000 | 73.2 | 88.0 | 90.1 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 7000 | 74.3 | 89.2 | 91.3 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 6000 | 74.3 | 89.9 | 91.9 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 5000 | 74.3 | 91.2 | 92.3 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 4500 | 74.3 | 91.3 | 92.9 | 93.0 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4000 | 75.1 | 91.4 | 93.3 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 75.8 | 91.5 | 93.9 | 94.6 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 3000 | 75.7 | 92.3 | 94.4 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 2500 | 75.8 | 92.6 | 94.7 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2000 | 76.1 | 93.4 | 95.6 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1800 | 76.1 | 93.4 | 95.7 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1500 | 76.4 | 94.2 | 96.4 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1200 | 76.6 | 94.6 | 96.7 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 76.5 | 94.7 | 96.9 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 76.6 | 94.9 | 97.1 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 76.3 | 95.1 | 97.3 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 76.3 | 95.1 | 97.3 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 77.0 | 95.3 | 97.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 77.1 | 95.6 | 97.9 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 77.1 | 95.6 | 97.9 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 77.1 | 95.6 | 97.9 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 77.1 | 95.6 | 97.9 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 77.1 | 95.6 | 97.9 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 77.1 | 95.6 | 97.9 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 902

U.S. AIR FORCE
 AIRCRAFT SERVICE/AFM

CEILING VERSUS VISIBILITY

STATION: WHEELS SPACE CENTER FL STATION NAME: 52-70, 73- YEARS: 1955-1957 MONTH: 1-12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ≥1/2 | ≥0 |
| NO CEILING | 47.4 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 20000 | 69.1 | 75.6 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 18000 | 77.1 | 76.6 | 76.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 16000 | 77.4 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 14000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 12000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 10000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 9000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 8000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 7000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 6000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 5000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 4500 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 4000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 3500 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 3000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 2500 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 2000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 1800 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 1500 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 1200 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 1000 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 900 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 800 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 700 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 600 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 500 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 400 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 300 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 200 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 100 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 0 | 77.5 | 77.1 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

2

U.S. AIR FORCE CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
KENNELLY SPACE CENTER FL

YEARS
69-70, 73-5

MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120°-140°
HOURS 1-57

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|-------|------|-------|--------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ .01 | ≥ 0 |
| NO CEILING | 43.6 | 43.3 | 43.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 20000 | 74.9 | 74.4 | 74.1 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IN 18000 | 75.3 | 75.1 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| IN 16000 | 75.3 | 75.6 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| IN 14000 | 72.2 | 72.1 | 72.1 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IN 12000 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IN 10000 | 77.1 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| IN 9000 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| IN 8000 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| IN 7000 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| IN 6000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| IN 5000 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IN 4500 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| IN 4000 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| IN 3500 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| IN 3000 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IN 2500 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IN 2000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IN 1800 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IN 1500 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| IN 1200 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| IN 1000 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| IN 800 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 700 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 600 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 500 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 400 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 300 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 200 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 100 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 0 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC
 0-14-5 (OL A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION NAME: WALLACE WAFB CENTER FL YEARS: 1971-73 MONTH: 15 HOURS: 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| ≥20000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 18000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 16000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 14000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 12000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 10000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 9000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 8000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 7000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 6000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 5000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 4500 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 4000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 3500 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 3000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 2500 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 2000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 1800 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 1500 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 1200 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 1000 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 900 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 800 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 700 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 600 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 500 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 400 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 300 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 200 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 100 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV 0 | 4.3 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |

TOTAL NUMBER OF OBSERVATIONS: 900

CEILING VERSUS VISIBILITY

U.S. AIR FORCE
 FORM 104
 1-64

STATION NAME
 STATION NAME

DATE
 7-7-75

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 HOURS
 HOURS

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| ≥ 20000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 18000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 16000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 14000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 12000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 10000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 9000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 8000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 7000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 6000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 5000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 4500 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 4000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 3500 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 3000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 2500 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 2000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 1800 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 1500 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 1200 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 1000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 900 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 800 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 700 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 600 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 500 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 400 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 300 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 200 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 100 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 0 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
CLIMATE DATA
CLIMATE SERVICE/AFM

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

DATE: 7-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 1-2-1971
HOURS 15

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| ≥ 20000 | 69.7 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 18000 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 16000 | 71.6 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 14000 | 71.6 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| 12000 | 71.6 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 10000 | 71.6 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| 9000 | 71.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 8000 | 71.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| 7000 | 71.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 6000 | 71.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 5000 | 71.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 4500 | 71.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 4000 | 71.6 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 3500 | 71.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 3000 | 71.6 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 2500 | 71.6 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 2000 | 71.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 1800 | 71.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 1500 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 1200 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 1000 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 900 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 800 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 700 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 600 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 500 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 400 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 300 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 200 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 100 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 0 | 71.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 900

1. AIRCRAFT CATEGORY
2. AIRCRAFT TYPE
3. AIRCRAFT SERVICE/MAL

CEILING VERSUS VISIBILITY

4. STATION NAME
5. STATION TYPE

6. DATE

7. YEARS

8. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9. ALL
HOURS

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 20000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 18000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 16000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 14000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 12000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 10000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 9000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 8000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 7000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 6000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 5000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 4500 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 4000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 3500 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 3000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 2500 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 2000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 1800 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 1500 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 1200 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 1000 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 900 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 800 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 700 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 600 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 500 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 400 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 300 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 200 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 100 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 0 | 47.2 | 51.3 | 51.7 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

1 STATION KEENEY SPACE CENTER FL

00-70,73-0

YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1
 HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0 |
| NO CEILING | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 20000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 18000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 16000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 14000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 12000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 10000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 9000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 8000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 7000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 6000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 5000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 4500 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 4000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 3500 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 3000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 2500 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 2000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 1800 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 1500 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 1200 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 1000 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 900 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 800 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 700 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 600 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 500 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 400 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 300 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 200 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 100 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 0 | 63.4 | 65.1 | 65.4 | 63.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |

TOTAL NUMBER OF OBSERVATIONS

934

U.S. AIR FORCE
METEOROLOGICAL BRANCH
WINDY PATH - SERVICE/PAO

CEILING VERSUS VISIBILITY

STATION NAME
WINNEMUNGO SPACE CENTER FL

YEARS
69-70, 73-0

UNIT
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE
HOURLY

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1 | ≥1/2 |
| NO CEILING | 67.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 20000 | 84.9 | 84.3 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 18000 | 84.9 | 84.3 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 16000 | 85.6 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 14000 | 87.3 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 12000 | 90.7 | 94.2 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 10000 | 92.7 | 96.1 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 9000 | 93.3 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 8000 | 93.4 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 7000 | 93.5 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 6000 | 94.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 5000 | 94.3 | 98.1 | 98.5 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 4500 | 94.5 | 98.1 | 98.5 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 4000 | 95.3 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 3500 | 95.5 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3000 | 95.7 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 2500 | 95.7 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2000 | 95.8 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1800 | 95.8 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1500 | 95.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1200 | 95.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 95.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 95.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 95.8 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 95.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 95.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 95.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.8 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

STATION NAME: WINDY SPACE CENTER FL YEARS: 67-70, 73-87 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 1.3 | 57.3 | 58.3 | 53.7 | 33.9 | 17.1 | 19.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.4 |
| ≥20000 | 72.2 | 81.6 | 82.7 | 83.3 | 83.5 | 83.8 | 83.9 | 84.0 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.1 |
| IN 18000 | 74.1 | 82.2 | 82.8 | 83.7 | 84.1 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 |
| IN 16000 | 75.3 | 83.4 | 84.5 | 85.2 | 85.4 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 |
| IN 14000 | 76.4 | 86.8 | 87.8 | 88.3 | 88.8 | 89.1 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 |
| IN 12000 | 78.7 | 89.4 | 91.4 | 91.1 | 91.4 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 |
| IN 10000 | 82.3 | 92.5 | 93.5 | 94.2 | 94.6 | 94.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 |
| IN 9000 | 84.1 | 93.1 | 94.2 | 94.8 | 95.3 | 95.5 | 96.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 |
| IN 8000 | 84.4 | 93.4 | 94.5 | 95.3 | 95.7 | 95.9 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 |
| IN 7000 | 84.4 | 93.4 | 94.5 | 95.3 | 95.8 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 |
| IN 6000 | 84.4 | 93.4 | 94.7 | 95.3 | 95.7 | 96.2 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 |
| IN 5000 | 84.5 | 93.7 | 94.9 | 95.7 | 96.2 | 96.5 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 |
| IN 4500 | 84.6 | 93.8 | 95.1 | 95.8 | 96.3 | 96.6 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 |
| IN 4000 | 84.9 | 94.2 | 95.6 | 96.5 | 97.1 | 97.2 | 97.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 |
| IN 3500 | 85.2 | 94.4 | 95.8 | 96.7 | 97.2 | 97.4 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| IN 3000 | 85.2 | 94.5 | 95.9 | 96.8 | 97.3 | 97.5 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| IN 2500 | 85.3 | 94.6 | 96.1 | 96.9 | 97.4 | 97.6 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 |
| IN 2000 | 85.3 | 95.3 | 96.7 | 97.5 | 98.1 | 98.3 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| IN 1800 | 85.3 | 95.3 | 96.7 | 97.5 | 98.1 | 98.3 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| IN 1500 | 85.3 | 95.6 | 97.1 | 98.1 | 98.6 | 98.8 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| IN 1200 | 86.1 | 95.7 | 97.1 | 98.2 | 98.7 | 98.9 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| IN 1000 | 86.1 | 95.7 | 97.1 | 98.2 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IN 900 | 86.1 | 95.7 | 97.1 | 98.2 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IN 800 | 86.1 | 95.7 | 97.1 | 98.2 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IN 700 | 86.1 | 95.7 | 97.1 | 98.2 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IN 600 | 86.1 | 95.7 | 97.1 | 98.2 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IN 500 | 86.1 | 95.7 | 97.1 | 98.2 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| IN 400 | 86.1 | 95.7 | 97.1 | 98.2 | 98.9 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IN 300 | 86.1 | 95.7 | 97.1 | 98.2 | 98.9 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IN 200 | 86.1 | 95.7 | 97.1 | 98.2 | 98.9 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IN 100 | 86.1 | 95.7 | 97.1 | 98.2 | 98.9 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| IN 0 | 86.1 | 95.7 | 97.1 | 98.2 | 98.9 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 530

U.S. AIR FORCE
 WETAC
 WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION NAME WALLACE SPACE CENTER FL YEARS 67-70, 72-73 MONTH JUL
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 1970-1971
 HOURS 151

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 | ≥ 0 |
| NO CEILING | 47.4 | 31.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 20000 | 72.2 | 78.1 | 79.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IV 18000 | 73.7 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 16000 | 75.3 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| IV 14000 | 80.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 12000 | 83.3 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 10000 | 86.1 | 91.9 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 9000 | 87.1 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 8000 | 87.5 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 7000 | 87.5 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 6000 | 87.8 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 5000 | 88.7 | 94.2 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IV 4500 | 88.2 | 94.5 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 4000 | 88.2 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 3500 | 88.4 | 94.9 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 3000 | 88.9 | 95.3 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 2500 | 89.4 | 96.1 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 2000 | 89.4 | 96.1 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 1800 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1500 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1200 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1000 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 900 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 800 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 700 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 600 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 500 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 400 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 300 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 200 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 100 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 0 | 91.3 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

1. AERIAL CLIMATOLOGY BRANCH
2. REPORT
3. MONTHLY SERVICE PLAN

CEILING VERSUS VISIBILITY

1. STATION
2. STATION NAME
3. STATION NUMBER

69-70,73-01

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1. DATE
2. HOURS EST

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 33.3 | 42.2 | 42.2 | 41.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| ≥ 20000 | 72.5 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 18000 | 73.1 | 77.3 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 16000 | 74.1 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| IV 14000 | 77.7 | 82.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 12000 | 80.4 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 10000 | 81.8 | 88.6 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 9000 | 82.5 | 89.8 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 8000 | 83.3 | 90.9 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 7000 | 83.3 | 90.9 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 6000 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 5000 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 4500 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 4000 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 3500 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 3000 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 2500 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 2000 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 1800 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 1500 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 1200 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 1000 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 900 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 800 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 700 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 600 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 500 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 400 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 300 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 200 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 100 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 0 | 84.2 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C. 20330

CEILING VERSUS VISIBILITY

STATION KANNEDY SPACE CENTER FL

63-75, 73-87

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1963-1964
 HOURS 151

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 67.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 |
| ≥ 20000 | 66.3 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 18000 | 66.3 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 16000 | 67.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 14000 | 70.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 12000 | 74.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 10000 | 76.3 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 9000 | 77.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 8000 | 78.1 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 7000 | 78.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 6000 | 78.4 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 5000 | 78.4 | 91.6 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 4500 | 78.7 | 92.4 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 4000 | 78.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 3500 | 79.3 | 94.2 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3000 | 80.1 | 94.9 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2500 | 80.4 | 95.5 | 96.2 | 96.3 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 2000 | 81.0 | 96.8 | 97.7 | 98.2 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 81.7 | 97.4 | 97.9 | 98.3 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 81.7 | 97.8 | 98.1 | 98.4 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1000 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 300 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 200 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 100 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 0 | 81.7 | 97.1 | 98.2 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 530

FEDERAL CLIMATOLOGY BUREAU
 WASHINGTON, D.C. 20541
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION MACAULEY SPACE CENTER FL STATION NAME MACAULEY SPACE CENTER FL YEARS 67-71, 73-74 MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-0000
 HOURS TEST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 35.4 | 37.4 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥20000 | 66.7 | 72.4 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| IV 18000 | 67.1 | 72.4 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| IV 16000 | 67.7 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| IV 14000 | 70.3 | 77.5 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| IV 12000 | 73.5 | 83.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| IV 10000 | 76.1 | 87.1 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV 9000 | 73.1 | 90.3 | 91.7 | 91.7 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 8000 | 73.3 | 91.9 | 92.7 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| IV 7000 | 78.3 | 91.6 | 92.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 6000 | 79.2 | 92.1 | 93.3 | 93.4 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 5000 | 79.6 | 92.6 | 93.9 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 4500 | 79.7 | 92.9 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IV 4000 | 87.3 | 93.7 | 94.3 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 3500 | 80.4 | 93.9 | 95.1 | 95.2 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| IV 3000 | 81.1 | 94.4 | 95.3 | 95.9 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| IV 2500 | 81.1 | 94.4 | 95.3 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 2000 | 81.8 | 96.1 | 97.4 | 98.2 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1800 | 81.2 | 96.1 | 97.8 | 98.2 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1500 | 81.6 | 96.2 | 98.1 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1200 | 81.6 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1000 | 81.3 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 900 | 81.3 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 800 | 81.6 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 700 | 81.0 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 600 | 81.6 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 500 | 81.6 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 400 | 81.6 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 300 | 81.3 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 200 | 81.3 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 100 | 81.6 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 0 | 81.6 | 96.6 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY RANGE
 1000-1400
 1000-1400

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL 04-70,70-5 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.25 | ≥.15 | ≥.1 | ≥.05 | ≥.025 | ≥.01 |
| NO CEILING | 43.4 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 |
| ≥ 20000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 18000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 16000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 14000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 12000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 10000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 9000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 8000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 7000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 6000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 5000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 4500 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 4000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 3500 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 3000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 2500 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 2000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 1800 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 1500 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 1200 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 1000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 900 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 800 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 700 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 600 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 500 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 400 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 300 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 200 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 100 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 0 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |

TOTAL NUMBER OF OBSERVATIONS 530

U.S. AIR FORCE
 1. STATION
 2. DATE
 3. MONTH

CEILING VERSUS VISIBILITY

1. STATION KENNEDY SPACE CENTER FL 65-70, 73-5 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JUL
 HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥16 | ≥1 | ≥0 |
| NO CEILING | 99.1 | 91.4 | 82.1 | 72.1 | 62.2 | 52.2 | 42.2 | 32.2 | 22.2 | 12.2 | 6.2 | 3.2 | 1.2 | 0.2 | 0.2 | 0.2 |
| ≥ 20000 | 74.2 | 77.1 | 79.5 | 79.6 | 77.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IN 18000 | 74.4 | 79.4 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| IN 16000 | 75.3 | 80.5 | 81.5 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IN 14000 | 79.1 | 84.1 | 84.5 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IN 12000 | 82.1 | 88.3 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IN 10000 | 84.2 | 91.3 | 91.9 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IN 9000 | 85.6 | 92.5 | 93.5 | 93.6 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IN 8000 | 86.1 | 93.7 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IN 7000 | 86.1 | 93.8 | 94.5 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IN 6000 | 86.3 | 94.2 | 94.5 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| IN 5000 | 86.7 | 94.5 | 95.1 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IN 4500 | 86.9 | 94.9 | 95.5 | 95.7 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IN 4000 | 87.1 | 95.3 | 96.0 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 3500 | 87.4 | 95.7 | 96.4 | 96.5 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3000 | 87.7 | 96.1 | 96.5 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IN 2500 | 87.9 | 96.7 | 97.1 | 97.7 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IN 2000 | 88.7 | 97.7 | 98.3 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 1800 | 89.3 | 97.8 | 98.7 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IN 1500 | 89.3 | 97.9 | 98.8 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IN 1200 | 89.3 | 98.0 | 98.9 | 99.2 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 1000 | 89.3 | 98.0 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 900 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 800 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 700 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 600 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 500 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 400 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 300 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 200 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 100 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 0 | 89.3 | 98.1 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 7440

JOINT CLIMATE CENTER
 WASHINGTON
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 STATION WINDY SPACE CENTER FL

87-70,71-6

YEARS

100

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100 - 100
 HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 20000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 18000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 16000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 14000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 12000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 10000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 9000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 8000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 7000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 6000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 5000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 4500 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 4000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 3500 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 3000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 2500 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 2000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 1800 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 1500 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 1200 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 1000 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 900 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 800 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 700 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 600 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 500 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 400 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 300 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 200 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 100 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |
| ≥ 0 | 65.1 | 44.3 | 37.7 | 34.5 | 31.5 | 28.5 | 25.5 | 22.5 | 19.5 | 16.5 | 13.5 | 10.5 | 7.5 | 4.5 | 1.5 | 0.5 |

TOTAL NUMBER OF OBSERVATIONS 930

AL PLIMPTON, FLA. CH
 DATE: 10/10/75

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL STATION NAME: 65-75,73-75 YEARS: MONTH: 200-200 HOURS: 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 |
| NO CEILING | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| ≥ 20000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 18000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 16000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 14000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 12000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 10000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 9000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 8000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 7000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 6000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 5000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 4500 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 4000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 3500 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 3000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 2500 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 2000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 1800 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 1500 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 1200 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 1000 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 900 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 800 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 700 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 600 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 500 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 400 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 300 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 200 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 100 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |
| 0 | 67.5 | 71.8 | 71.1 | 71.2 | 70.7 | 72.7 | 72.7 | 72.7 | 72.7 | 71.6 | 72.4 | 72.6 | 72.3 | 72.4 | 71.6 |

TOTAL NUMBER OF OBSERVATIONS: 570

UNITED STATES DEPARTMENT OF COMMERCE
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
METEOROLOGICAL SERVICE/MAS

CEILING VERSUS VISIBILITY

STATION 1 FLORIDA SPACE CENTER FL 64-77,73-0 YEARS 1 MONTH 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.25 | ≥.1 | ≥.05 | ≥.025 | ≥.01 | ≥.005 |
| NO CEILING | 5.5 | 12.9 | 63.4 | 5.5 | 68.7 | 63.7 | 67.7 | 63.7 | 67.7 | 65.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 20000 | 73.3 | 81.6 | 82.4 | 82.6 | 87.1 | 80.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 18000 | 72.7 | 81.3 | 83.1 | 83.4 | 87.9 | 83.3 | 84.7 | 84.0 | 84.7 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 16000 | 74.3 | 83.6 | 84.5 | 84.9 | 88.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 14000 | 77.1 | 86.5 | 87.7 | 87.0 | 88.7 | 88.7 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 12000 | 79.3 | 89.3 | 90.1 | 89.4 | 90.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 10000 | 82.7 | 92.7 | 93.7 | 94.2 | 94.7 | 94.5 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 9000 | 83.2 | 93.9 | 94.7 | 95.2 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 8000 | 84.7 | 94.7 | 95.6 | 96.0 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 7000 | 84.3 | 95.1 | 95.9 | 96.3 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 6000 | 85.3 | 95.3 | 95.1 | 96.0 | 96.9 | 96.7 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 5000 | 84.7 | 95.9 | 96.7 | 97.1 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 4500 | 84.3 | 96.1 | 96.9 | 97.3 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4000 | 84.3 | 96.1 | 97.1 | 97.5 | 97.3 | 97.3 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 3500 | 84.3 | 96.2 | 97.1 | 97.6 | 98.7 | 98.7 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 3000 | 84.3 | 96.3 | 97.7 | 97.7 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 2500 | 84.3 | 96.3 | 97.7 | 97.8 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2000 | 84.3 | 97.1 | 98.1 | 98.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1800 | 84.3 | 97.1 | 98.1 | 98.5 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 84.3 | 97.1 | 98.1 | 98.5 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 84.3 | 97.1 | 98.1 | 98.5 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1000 | 84.3 | 97.1 | 98.1 | 98.5 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 85.1 | 97.2 | 98.1 | 98.8 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 730

CEILING VERSUS VISIBILITY

STATION NAME: WINDY SPACE CENTER STATION NUMBER: 1-7, 72-1 YEARS: 1950-1951 MONTH: 1-12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 17.2 | 58.4 | 57.1 | 54.9 | 51.9 | 50.9 | 50.9 | 50.9 | 51.4 | 51.9 | 50.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 20000 | 17.6 | 58.8 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| ≥ 18000 | 73.2 | 51.2 | 51.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 16000 | 73.1 | 50.2 | 42.5 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 14000 | 13.1 | 46.5 | 56.8 | 37.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 12000 | 16.5 | 50.0 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| IV 10000 | 58.7 | 53.7 | 53.3 | 53.5 | 57.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| IV 9000 | 50.1 | 54.0 | 54.9 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| IV 8000 | 50.3 | 55.2 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| IV 7000 | 50.6 | 55.2 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| IV 6000 | 50.3 | 55.4 | 55.7 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| IV 5000 | 50.4 | 55.5 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 4500 | 50.4 | 55.6 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| IV 4000 | 50.9 | 55.7 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| IV 3500 | 51.0 | 55.8 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| IV 3000 | 51.1 | 55.8 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 2500 | 51.0 | 56.2 | 56.3 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| IV 2000 | 53.3 | 58.9 | 59.7 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 1800 | 53.3 | 58.9 | 59.7 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 1500 | 54.1 | 59.1 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| IV 1200 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 1000 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 900 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 800 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 700 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 600 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 500 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 400 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 300 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 200 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 100 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| IV 0 | 54.1 | 59.2 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |

TOTAL NUMBER OF OBSERVATIONS: 436

1. NAME OF STATION
2. LOCATION
3. DATE OF SERVICE/VAL

CEILING VERSUS VISIBILITY

1. STATION NAME
2. STATION NAME

3. DATE

4. YEARS

5. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6. HOURS

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 20000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 18000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 16000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 14000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 12000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 10000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 9000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 8000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 7000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 6000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 5000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4500 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3500 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 2500 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 2000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 1800 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 1500 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 1200 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 1000 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 900 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 800 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 700 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 600 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 500 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 400 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 300 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 200 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 100 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 0 | 77.7 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |

TOTAL NUMBER OF OBSERVATIONS 137

CLIMATELOGY BRANCH
STATION
DATA SERVICE AREA

CEILING VERSUS VISIBILITY

STATION NAME
ARMEDY SPACE CENTER FL

62-70,73-8

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-1973
HOURS 151

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NO CEILING | 43.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| ≥ 20000 | 69.3 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 18000 | 71.3 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 16000 | 71.3 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 14000 | 72.4 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 12000 | 75.9 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 10000 | 79.3 | 87.6 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 9000 | 80.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 8000 | 81.3 | 91.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 7000 | 81.3 | 91.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 6000 | 81.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 5000 | 81.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 4500 | 81.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 4000 | 82.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 3500 | 82.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 3000 | 82.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2500 | 83.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 2000 | 83.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1800 | 83.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1500 | 83.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1000 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 900 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 800 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 700 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 600 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 500 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 400 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 300 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 200 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 100 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 0 | 84.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |

TOTAL NUMBER OF OBSERVATIONS 151

1. ☐ **ADDITIONAL DATA REQUIRED**
 2. ☐ **ADDITIONAL DATA REQUIRED**
 3. ☐ **ADDITIONAL DATA REQUIRED**

CEILING VERSUS VISIBILITY

STATION **W. WAGNER SPACE CENTER FL**

DATE **7-77, 73-8**

AS OF **MONTH**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0000
HOURS 1-57

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING | 42.7 | 43.9 | 45.1 | 46.3 | 47.5 | 48.7 | 49.9 | 51.1 | 52.3 | 53.5 | 54.7 | 55.9 | 57.1 | 58.3 | 59.5 | 60.7 |
| ≥ 20000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 18000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 16000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 14000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 12000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 10000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 9000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 8000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 7000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 6000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 5000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 4500 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 4000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 3500 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 3000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 2500 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 2000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 1800 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 1500 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 1200 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 1000 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 900 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 800 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 700 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 600 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 500 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 400 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 300 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 200 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 100 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |
| ≥ 0 | 71.3 | 71.2 | 71.1 | 71.0 | 70.9 | 70.8 | 70.7 | 70.6 | 70.5 | 70.4 | 70.3 | 70.2 | 70.1 | 70.0 | 69.9 | 69.8 |

TOTAL NUMBER OF OBSERVATIONS **732**

U.S. AIR FORCE
METEOROLOGICAL BRANCH
OFFICE OF THE
CHIEF OF THE SERVICE

CEILING VERSUS VISIBILITY

STATION: WANNY SPACE CENTER, FL YEARS: 1971-72 MONTH: 1-12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ 0 |
| NO CEILING | 56.7 | 53.8 | 53.4 | 53.0 | 52.0 | 51.0 | 50.0 | 49.0 | 48.0 | 47.0 | 46.0 | 45.0 | 44.0 | 43.0 | 42.0 | 41.0 |
| ≥ 20000 | 77.1 | 81.1 | 81.7 | 81.6 | 81.6 | 81.0 | 81.5 | 81.6 | 81.6 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 18000 | 77.3 | 81.5 | 82.7 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 16000 | 77.3 | 82.2 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 14000 | 77.3 | 84.7 | 84.4 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 12000 | 84.9 | 89.4 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 10000 | 87.2 | 92.7 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 9000 | 89.7 | 94.4 | 94.3 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 8000 | 93.3 | 95.4 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 7000 | 95.3 | 95.7 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 6000 | 95.9 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 5000 | 95.9 | 95.3 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 4500 | 97.1 | 96.9 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4000 | 97.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 3500 | 97.1 | 97.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 97.1 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | 97.1 | 98.4 | 98.7 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2000 | 97.1 | 98.6 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1800 | 97.1 | 98.8 | 99.1 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1500 | 97.1 | 98.9 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1200 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 97.1 | 99.1 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS: 231

U.S. AIR FORCE
ETAC
ALL WEATHER SERVICE/VAL

CEILING VERSUS VISIBILITY

1 STATION MIAMI SPACE CENTER FL

69-75,73-00

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS 1-1

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ 0 |
| NO CEILING | 54.1 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 20000 | 75.0 | 75.0 | 81.0 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IV 18000 | 75.1 | 81.3 | 81.7 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| IV 16000 | 76.3 | 82.1 | 82.5 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 14000 | 79.2 | 84.6 | 85.1 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| IV 12000 | 82.3 | 88.1 | 88.5 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| IV 10000 | 80.1 | 91.7 | 92.2 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| IV 9000 | 76.4 | 93.6 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 8000 | 77.0 | 94.4 | 94.9 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 7000 | 77.3 | 94.7 | 95.1 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 6000 | 77.4 | 95.0 | 95.4 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 5000 | 77.6 | 95.3 | 95.7 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 4500 | 77.8 | 95.6 | 96.1 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 4000 | 77.9 | 95.8 | 96.3 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 3500 | 78.1 | 96.1 | 96.6 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 3000 | 78.3 | 96.5 | 97.0 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| IV 2500 | 78.5 | 96.9 | 97.4 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 2000 | 78.8 | 97.3 | 97.7 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1800 | 79.0 | 97.6 | 98.0 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 1500 | 79.2 | 97.9 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1200 | 79.4 | 98.2 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 1000 | 79.6 | 98.5 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 900 | 79.8 | 98.8 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 800 | 79.9 | 99.0 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 700 | 80.1 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 600 | 80.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 80.3 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 80.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 80.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 80.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 80.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 80.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 744

1. NAME OF CEILING OBSERVATION AREA
2. LOCATION
3. DATE OF DATA SERVICE/NAME

CEILING VERSUS VISIBILITY

1. STATION NAME: WANNEDY SPACE CENTER FL 2. DATE: 6-70, 73-74 3. MONTH: 6-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.2 | ≥1 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥.05 | ≥.01 |
| NO CEILING | 84.1 | 88.2 | 67.1 | 67.4 | 60.0 | 50.0 | 40.0 | 30.0 | 20.0 | 10.0 | 6.0 | 4.0 | 3.0 | 2.0 | 1.0 | 0.0 |
| ≥20000 | 75.2 | 78.2 | 79.3 | 78.6 | 78.6 | 78.6 | 78.7 | 76.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥18000 | 76.2 | 78.6 | 79.3 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥16000 | 76.3 | 78.9 | 79.3 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥14000 | 77.3 | 81.7 | 80.9 | 81.3 | 81.3 | 81.3 | 81.4 | 80.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥12000 | 81.3 | 83.7 | 84.1 | 84.2 | 84.2 | 84.2 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥10000 | 84.1 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥9000 | 85.0 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥8000 | 86.4 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥7000 | 86.5 | 91.1 | 91.4 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥6000 | 87.1 | 91.4 | 91.1 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥5000 | 87.3 | 91.7 | 92.1 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥4500 | 88.1 | 92.6 | 92.9 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥4000 | 88.3 | 93.0 | 93.7 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥3500 | 89.3 | 94.6 | 94.7 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥3000 | 89.3 | 94.9 | 95.2 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥2500 | 90.1 | 95.7 | 96.1 | 96.2 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥2000 | 91.7 | 97.3 | 97.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥1800 | 91.4 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥1500 | 91.4 | 98.1 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥1200 | 91.4 | 98.4 | 98.9 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥1000 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥900 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥800 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥700 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥600 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥500 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥400 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥300 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥200 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥100 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥0 | 91.4 | 98.4 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

USAF ETAC
 0-14-5 (OL A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION NAME: WANNY SPACE CENTER FL

STATION ID: 69-70,73-c

YEARS

SLIP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03-0-1961
 HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/8 | ≥0 | ≥0 |
| NO CEILING | 81.3 | 80.4 | 80.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 20000 | 75.3 | 74.1 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 18000 | 75.3 | 74.1 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 16000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 14000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 12000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 10000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 9000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 8000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 7000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 6000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 5000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 4500 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 4000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 3500 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 3000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 2500 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 2000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 1800 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 1500 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 1200 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 1000 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 900 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 800 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 700 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 600 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 500 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 400 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 300 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 200 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 100 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| IV 0 | 76.3 | 75.6 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |

TOTAL NUMBER OF OBSERVATIONS: 900

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL STATION NAME: 65-70,73-2 YEARS: MONTH: HOURS: 1-24

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING ≥ 20000 | 49.3 | 75.3 | 55.4 | 56.9 | 7.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| IN 18000 | 65.3 | 74.1 | 75.1 | 75.8 | 76.2 | 75.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IN 16000 | 66.3 | 74.1 | 75.1 | 77.1 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IN 14000 | 68.9 | 77.6 | 79.4 | 79.6 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| IN 12000 | 72.3 | 81.7 | 83.8 | 83.9 | 84.3 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| IN 10000 | 74.9 | 84.4 | 85.7 | 86.9 | 87.3 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IN 9000 | 76.0 | 86.4 | 87.7 | 88.9 | 89.3 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IN 8000 | 76.4 | 87.3 | 88.6 | 89.8 | 90.3 | 90.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IN 7000 | 76.7 | 87.7 | 89.1 | 90.2 | 90.8 | 90.8 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IN 6000 | 76.7 | 88.1 | 89.4 | 90.7 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IN 5000 | 77.3 | 89.1 | 90.7 | 91.9 | 92.4 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| IN 4500 | 77.3 | 89.4 | 90.9 | 92.1 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IN 4000 | 77.6 | 89.9 | 91.7 | 92.6 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IN 3500 | 77.6 | 90.1 | 91.4 | 92.7 | 93.2 | 93.2 | 93.6 | 93.6 | 93.6 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IN 3000 | 77.7 | 90.2 | 91.7 | 92.9 | 93.4 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IN 2500 | 78.1 | 90.3 | 92.7 | 93.4 | 94.0 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IN 2000 | 79.3 | 92.2 | 94.4 | 95.0 | 96.6 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IN 1800 | 79.7 | 92.8 | 95.3 | 96.6 | 97.1 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IN 1500 | 79.9 | 94.2 | 96.8 | 97.2 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IN 1200 | 79.9 | 94.4 | 96.3 | 97.7 | 98.2 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IN 1000 | 80.1 | 94.7 | 96.6 | 97.9 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 900 | 80.1 | 94.7 | 96.6 | 97.9 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 800 | 80.1 | 94.7 | 96.6 | 97.9 | 98.4 | 98.4 | 99.0 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IN 700 | 80.1 | 94.3 | 96.7 | 98.1 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IN 600 | 80.1 | 94.9 | 96.8 | 98.1 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IN 500 | 80.1 | 94.9 | 96.8 | 98.1 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IN 400 | 80.1 | 95.2 | 96.9 | 98.2 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IN 300 | 80.1 | 95.1 | 97.1 | 98.3 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200 | 80.1 | 95.1 | 97.1 | 98.3 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100 | 80.1 | 95.1 | 97.1 | 98.3 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0 | 80.1 | 95.1 | 97.1 | 98.3 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 100

1. LOCAL AIRPORT ONLY (OPTIONAL)
2. AETAC
3. WEATHER SERVICE/HAZ

CEILING VERSUS VISIBILITY

STATION: WALLACE SPACE CENTER FL
STATION NAME: WALLACE SPACE CENTER FL

DATE: 03-70, 73-77

YEARS: 70-73-77

MONTHS: 01-12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 0000-1159
HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.16 | ≥.1 |
| NO CEILING | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 20000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 18000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 16000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 14000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 12000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 10000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 9000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 8000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 7000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 6000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 5000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 4500 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 4000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 3500 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 3000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 2500 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 2000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 1800 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 1500 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 1200 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 1000 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 900 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 800 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 700 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 600 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 500 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 400 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 300 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 200 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 100 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 0 | 77.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |

TOTAL NUMBER OF OBSERVATIONS: 900

U.S. AIR FORCE
 14-5 (OL A)
 1-1-64

CEILING VERSUS VISIBILITY

STATION MINABOY SPACE CENTER FL STATION NAME 57-75, 75-1 YEARS 1962-1963 MONTHS 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-1-64
 HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 3/8 | ≥ 1/2 | ≥ 1/8 | ≥ 0 | ≥ 0 |
| NO CEILING | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 20000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 18000 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 16000 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 14000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 12000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 10000 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 9000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 8000 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 7000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 6000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 5000 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 4500 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 4000 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 3500 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 3000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 2500 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 2000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1800 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 950

FORM PLANNED BY BRANCH
USAF ETAC
AERONAUTICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL 62-70,73-17 YEARS 1960-1961 MONTH 12
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
 HOURS 151

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 42.4 | 41.3 | 42.3 | 42.3 | 42.4 | 42.4 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 20000 | 69.5 | 72.7 | 72.7 | 72.7 | 72.9 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 18000 | 72.3 | 72.7 | 72.7 | 72.7 | 73.0 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 16000 | 75.1 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| IV 14000 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| IV 12000 | 75.3 | 80.3 | 80.3 | 80.3 | 80.9 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 10000 | 87.2 | 86.8 | 86.8 | 86.8 | 87.3 | 87.3 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IV 9000 | 91.4 | 89.8 | 91.0 | 91.0 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 8000 | 92.4 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 7000 | 92.7 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| IV 6000 | 92.7 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| IV 5000 | 93.6 | 93.7 | 93.7 | 93.7 | 93.3 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| IV 4500 | 93.7 | 93.7 | 93.7 | 93.7 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 4000 | 93.9 | 93.6 | 93.9 | 93.9 | 94.7 | 94.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| IV 3500 | 94.3 | 93.9 | 94.3 | 94.3 | 94.4 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IV 3000 | 94.3 | 94.7 | 95.1 | 95.2 | 95.4 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| IV 2500 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 2000 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1800 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1500 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1200 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1000 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 900 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 800 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 700 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 600 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 500 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 400 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 300 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 200 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 100 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 0 | 95.3 | 95.1 | 95.6 | 95.7 | 95.9 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |

TOTAL NUMBER OF OBSERVATIONS 900

ADDITIONAL REMARKS
 STATION SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION NAME Kennedy Space Center FL

DATE 09-7, 73-5

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 0-10
 HOURS 1-1

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|-------|-------|-------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .10 | ≥ .05 | ≥ .025 | ≥ 0 |
| NO CEILING | 43.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| ≥ 20000 | 53.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 18000 | 55.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| IV 16000 | 59.2 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| IV 14000 | 71.4 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| IV 12000 | 73.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 10000 | 76.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 9000 | 77.7 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 8000 | 78.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 7000 | 80.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| IV 6000 | 80.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| IV 5000 | 81.3 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| IV 4500 | 82.0 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 4000 | 82.0 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 3500 | 83.0 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 3000 | 84.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 2500 | 84.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 2000 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 1800 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 1500 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 1200 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 1000 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 900 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 800 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 700 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 600 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 500 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 400 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 300 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 200 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 100 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 0 | 85.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |

TOTAL NUMBER OF OBSERVATIONS 970

U.S. AIR FORCE
ETAC
STATION SERVICE MAC

CEILING VERSUS VISIBILITY

STATION KENNEDY ARABY CENTER FL

69-70, 73-5

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11-1-77
HOURS OF

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 20000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 18000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 16000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 14000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 12000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 10000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 9000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 8000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 7000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 6000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 5000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 4500 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 4000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 3500 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 3000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 2500 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 2000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 1800 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 1500 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 1200 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 1000 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 900 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 800 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 700 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 600 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 500 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 400 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 300 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 200 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 100 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV 0 | 72.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |

TOTAL NUMBER OF OBSERVATIONS 710

1. NAME OF AERODROME OR STATION
2. ICAO IDENTIFICATION CODE
3. ICAO CLASSIFICATION

CEILING VERSUS VISIBILITY

4. NAME OF THE SERVICE, AGENCY, OR PERSON
5. STATION NAME

6. DATE

7. MONTH

8. YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9. TOTAL NUMBER OF OBSERVATIONS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.2 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 71.1 | 72.7 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 20000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 18000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 16000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 14000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 12000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 10000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 9000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 8000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 7000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 6000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 5000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 4500 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 4000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 3500 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 3000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 2500 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 2000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 1800 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 1500 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 1200 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 1000 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 900 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 800 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 700 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 600 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 500 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 400 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 300 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 200 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 100 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 0 | 71.1 | 75.0 | 75.0 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |

TOTAL NUMBER OF OBSERVATIONS 7400

CEILING VERSUS VISIBILITY

1. AIRCRAFT CATEGORY: A, B, C, D
2. STATION: KANSAS CITY, MO
3. MONTH: JANUARY 1964

STATION NAME: KANSAS CITY, MO

DATE: 1-73-64

YEAR: 1964

MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY OBSERVATIONS: 729

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING | 19.2 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 20000 | 71.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 18000 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 16000 | 73.3 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 14000 | 73.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 12000 | 73.3 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 10000 | 77.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 9000 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 8000 | 82.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 7000 | 82.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 6000 | 82.3 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 5000 | 85.6 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4500 | 87.1 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 4000 | 89.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3500 | 92.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 3000 | 93.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 2500 | 97.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2000 | 97.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1800 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 300 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 200 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 100 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 0 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS: 729

ALABAMA
CENTRAL
STATE

CEILING VERSUS VISIBILITY

STATION JENNINGS SPACE CENTER FL

65-71, 10-5

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17.5-100
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ .1 |
| NO CEILING | 6.1 | 2.4 | 62.7 | 87.8 | 87.1 | 83.1 | 87.2 | 83.3 | 87.7 | 83.4 | 83.4 | 83.4 | 83.5 | 83.7 | 83.1 | 83.1 |
| ≥ 20000 | 7.1 | 72.9 | 72.8 | 72.5 | 72.7 | 72.7 | 72.3 | 73.9 | 72.1 | 74.2 | 74.1 | 74.6 | 74.1 | 74.1 | 74.1 | 74.2 |
| ≥ 18000 | 7.5 | 73.2 | 72.5 | 73.4 | 74.1 | 74.1 | 74.1 | 74.2 | 74.7 | 74.3 | 74.7 | 74.3 | 74.4 | 74.4 | 74.4 | 74.6 |
| ≥ 16000 | 7.1 | 71.4 | 72.8 | 74.1 | 74.2 | 74.2 | 74.3 | 74.4 | 74.4 | 74.1 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 |
| ≥ 14000 | 7.1 | 74.3 | 74.7 | 74.9 | 75.1 | 75.1 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.7 |
| ≥ 12000 | 7.3 | 76.5 | 76.7 | 77.1 | 77.2 | 77.2 | 77.4 | 77.5 | 77.7 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 |
| ≥ 10000 | 75.9 | 79.2 | 79.4 | 79.9 | 80.0 | 80.0 | 80.2 | 80.3 | 80.7 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.6 |
| ≥ 9000 | 77.6 | 81.2 | 81.5 | 81.8 | 81.9 | 81.9 | 82.2 | 82.3 | 82.7 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.7 |
| ≥ 8000 | 77.1 | 82.3 | 82.7 | 84.0 | 84.1 | 84.1 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 7000 | 77.3 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.7 |
| ≥ 6000 | 77.3 | 85.3 | 85.9 | 85.8 | 85.9 | 85.9 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.7 |
| ≥ 5000 | 77.4 | 86.1 | 86.4 | 86.7 | 86.8 | 86.8 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.6 |
| ≥ 4500 | 4.7 | 89.4 | 89.7 | 90.0 | 90.1 | 90.1 | 90.3 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 4000 | 6.4 | 91.7 | 92.1 | 92.4 | 92.5 | 92.5 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 3500 | 6.7 | 93.2 | 93.7 | 94.1 | 94.1 | 94.1 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.7 |
| ≥ 3000 | 7.7 | 94.3 | 94.8 | 95.3 | 95.7 | 95.7 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 |
| ≥ 2500 | 89.2 | 95.3 | 95.7 | 96.2 | 96.7 | 96.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.4 |
| ≥ 2000 | 94.3 | 96.6 | 97.1 | 97.5 | 98.0 | 98.0 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.7 |
| ≥ 1800 | 95.7 | 98.3 | 97.7 | 98.7 | 98.7 | 98.7 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.9 |
| ≥ 1500 | 96.1 | 97.1 | 97.6 | 98.1 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2 |
| ≥ 1200 | 97.1 | 97.4 | 98.1 | 98.4 | 98.3 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 1000 | 97.1 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 900 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 800 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 700 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 600 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 500 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 400 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 300 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 200 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 100 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 0 | 97.7 | 97.4 | 98.1 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 432

1. REPORT DATE: 14 CH
2. REPORT TYPE:
3. REPORT NUMBER: 0-14-5 (OL A)

CEILING VERSUS VISIBILITY

1. STATION: KENNEDY SPACE CENTER FL

2. DATE: 7-73

3. YEARS:

4. MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5. HOURS TEST:

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 47.6 | 61.6 | 58.1 | 72.4 | 57.5 | 68.5 | 57.7 | 65.1 | 67.1 | 55.2 | 57.3 | 53.3 | 53.8 | 53.7 | 53.3 | 53.7 |
| ≥ 20000 | 53.5 | 66.1 | 65.1 | 57.1 | 67.1 | 67.1 | 67.5 | 67.7 | 67.7 | 66.1 | 66.1 | 63.0 | 64.4 | 63.4 | 63.4 | 63.1 |
| ≥ 18000 | 55.9 | 65.3 | 67.1 | 57.3 | 67.4 | 67.4 | 68.0 | 68.1 | 67.1 | 66.3 | 67.3 | 61.3 | 68.7 | 68.7 | 65.7 | 66.2 |
| ≥ 16000 | 59.1 | 66.5 | 67.7 | 57.4 | 67.5 | 67.5 | 68.3 | 68.4 | 68.4 | 68.1 | 68.1 | 68.6 | 68.6 | 62.5 | 69.1 | 69.1 |
| ≥ 14000 | 61.1 | 68.5 | 69.7 | 59.5 | 69.6 | 69.6 | 70.3 | 70.4 | 70.4 | 70.0 | 70.4 | 70.6 | 71.1 | 71.1 | 71.1 | 71.2 |
| ≥ 12000 | 63.3 | 71.2 | 71.7 | 73.2 | 73.3 | 72.3 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 10000 | 64.4 | 73.7 | 74.4 | 74.0 | 74.7 | 74.7 | 75.5 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 9000 | 66.1 | 75.9 | 76.7 | 76.5 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 8000 | 68.5 | 77.5 | 78.5 | 78.5 | 78.6 | 78.6 | 79.4 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 | 80.1 | 80.1 | 80.1 | 80.2 |
| ≥ 7000 | 69.7 | 79.1 | 79.7 | 80.1 | 80.2 | 80.2 | 81.0 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 6000 | 71.4 | 81.1 | 81.7 | 82.1 | 82.2 | 82.2 | 82.9 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 5000 | 73.7 | 84.3 | 85.1 | 85.3 | 85.4 | 85.4 | 86.1 | 86.2 | 86.2 | 86.5 | 86.5 | 86.5 | 86.9 | 86.9 | 86.9 | 87.1 |
| ≥ 4500 | 75.4 | 86.0 | 87.1 | 87.2 | 87.3 | 87.3 | 88.1 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 4000 | 76.8 | 88.2 | 88.8 | 89.1 | 89.2 | 89.2 | 90.0 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.8 | 90.8 | 90.8 | 90.9 |
| ≥ 3500 | 78.5 | 91.1 | 91.1 | 91.4 | 91.5 | 91.5 | 92.3 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 93.0 | 93.0 | 93.0 | 93.1 |
| ≥ 3000 | 79.4 | 91.4 | 92.2 | 92.5 | 92.7 | 92.7 | 93.4 | 93.5 | 93.5 | 93.8 | 93.8 | 93.8 | 94.2 | 94.2 | 94.2 | 94.7 |
| ≥ 2500 | 79.6 | 91.8 | 92.7 | 93.9 | 94.1 | 94.1 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 |
| ≥ 2000 | 81.2 | 93.7 | 94.6 | 95.2 | 95.4 | 95.4 | 96.1 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.9 | 96.9 | 96.9 | 97.1 |
| ≥ 1800 | 81.7 | 93.7 | 94.7 | 95.3 | 95.5 | 95.5 | 96.2 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.1 | 97.1 | 97.1 | 97.2 |
| ≥ 1500 | 81.5 | 93.7 | 94.7 | 95.3 | 95.5 | 95.5 | 96.2 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.1 | 97.1 | 97.1 | 97.2 |
| ≥ 1200 | 81.5 | 94.1 | 95.2 | 95.9 | 96.1 | 96.1 | 96.9 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.8 |
| ≥ 1000 | 81.4 | 94.2 | 95.3 | 96.1 | 96.2 | 96.2 | 97.0 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 81.4 | 94.3 | 95.3 | 96.1 | 96.2 | 96.2 | 97.0 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 700 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 600 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 500 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 400 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 300 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 200 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 100 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 0 | 81.4 | 94.3 | 95.4 | 96.1 | 96.5 | 96.5 | 97.2 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 |

TOTAL NUMBER OF OBSERVATIONS: 531

1. NAME OF STATION
2. LOCATION
3. DATE OF OBSERVATION

CEILING VERSUS VISIBILITY

STATION NAME: KANSAS CITY, MO. FL. DATE: 1-7-73. YEARS: 1. MONTH: 1. HOURS: 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 47.7 | 71.1 | 57.1 | 57.0 | 53.4 | 48.0 | 33.8 | 12.0 | 5.7 | 3.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 20000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 18000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 16000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 14000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 12000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 10000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 9000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 8000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 7000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 6000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 5000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 4500 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 4000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 3500 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 3000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 2500 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 2000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 1800 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 1500 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 1200 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 1000 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 900 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 800 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 700 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 600 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 500 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 400 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 300 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 200 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 100 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 0 | 12.7 | 30.0 | 36.0 | 36.0 | 33.6 | 33.3 | 36.0 | 36.0 | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |

TOTAL NUMBER OF OBSERVATIONS: 929

USAF ETAC
 0-14-5 (OL A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION NAME
 WANNEDY SPACE CENTER FL

STATION NUMBER
 09-75,73-4

YEARS

PERCENT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-14-66
 HOURS 151

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO CEILING | 45.1 | 43.1 | 41.1 | 40.1 | 41.1 | 40.1 | 41.1 | 40.1 | 41.1 | 40.1 | 41.1 | 40.1 | 41.1 | 40.1 | 41.1 | 40.1 |
| ≥ 20000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 18000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 16000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 14000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 12000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 10000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 9000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 8000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 7000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 6000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 5000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 4500 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 4000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 3500 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 3000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 2500 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 2000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 1800 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 1500 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 1200 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 1000 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 900 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 800 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 700 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 600 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 500 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 400 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 300 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 200 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 100 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |
| ≥ 0 | 44.1 | 42.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 | 40.1 | 39.1 |

TOTAL NUMBER OF OBSERVATIONS 93

CEILING VERSUS VISIBILITY

STATION: KENNEDY FIELD, CLEVELAND, OHIO 62-77, 73-2 YEARS: 1951 MONTH: 15-1-1951 HOURS: 151

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.16 | ≥.1 |
| NO CEILING | 45.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 20000 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 18000 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 16000 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 14000 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 12000 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 10000 | 71.2 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 |
| ≥ 9000 | 73.2 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 8000 | 76.1 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 |
| ≥ 7000 | 76.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 6000 | 75.3 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 5000 | 75.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 |
| ≥ 4500 | 75.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 4000 | 75.3 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 3500 | 75.3 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 3000 | 75.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 2500 | 76.9 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.9 |
| ≥ 2000 | 77.4 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1800 | 77.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500 | 77.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200 | 77.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 300 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 200 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 100 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 0 | 77.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |

TOTAL NUMBER OF OBSERVATIONS 931

USAF CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WANDLEY SPACE CENTER FL
STATION NAME:

69-70,73-8

YEARS

201
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NO CEILING | 51.1 | 43.3 | 53.3 | 53.5 | 51.8 | 53.3 | 53.2 | 53.3 | 53.2 | 53.3 | 53.2 | 53.3 | 53.2 | 53.3 | 53.2 | 53.3 |
| ≥ 20000 | 55.4 | 58.6 | 68.6 | 68.6 | 63.6 | 63.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| IV 18000 | 55.4 | 68.6 | 68.6 | 68.6 | 63.6 | 63.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| IV 16000 | 65.7 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 14000 | 66.4 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| IV 12000 | 69.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 10000 | 71.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 9000 | 73.8 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| IV 8000 | 75.3 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 7000 | 76.9 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| IV 6000 | 73.3 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 5000 | 85.4 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IV 4500 | 87.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 4000 | 83.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 3500 | 85.3 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| IV 3000 | 86.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 2500 | 87.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 2000 | 87.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 1800 | 88.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 1500 | 88.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 1200 | 88.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1000 | 88.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 900 | 88.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 800 | 88.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 700 | 88.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 600 | 88.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 88.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 88.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 88.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 88.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 88.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 88.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 928

AL CLIMATOLOGY WATCH
 1. INITIAL
 2. DATA SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION NAME WALLANLEY SPACE CENTER FL

STATION NUMBER 57-70,73-8

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1. 5-7-73
 HOURS TEST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 57.4 | 58.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 20000 | 57.4 | 58.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| IV 18000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 16000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 14000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 12000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 10000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 9000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 8000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 7000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 6000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 5000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 4500 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 4000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 3500 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 3000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 2500 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 2000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 1800 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 1500 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 1200 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 1000 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 900 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 800 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 700 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 600 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 500 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 400 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 300 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 200 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 100 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 0 | 62.7 | 62.8 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |

TOTAL NUMBER OF OBSERVATIONS

229

U.S. AIR FORCE
 WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

1. STATION: KENNEDY SPACE CENTER FL

69-70, 73-80

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 51.2 | 74.4 | 54.5 | 34.6 | 34.6 | 54.6 | 54.7 | 54.6 | 54.7 | 54.6 | 54.7 | 54.6 | 54.7 | 54.6 | 54.7 | 54.6 |
| ≥ 20000 | 64.4 | 63.5 | 62.6 | 63.7 | 64.7 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| IV 18000 | 65.3 | 68.5 | 69.7 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| IV 16000 | 65.3 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| IV 14000 | 67.4 | 71.2 | 71.5 | 71.5 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| IV 12000 | 69.7 | 73.2 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| IV 10000 | 72.3 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 9000 | 74.3 | 78.7 | 78.7 | 78.7 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| IV 8000 | 76.5 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 7000 | 77.4 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 6000 | 79.5 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 5000 | 81.5 | 86.7 | 86.8 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV 4500 | 82.6 | 87.7 | 87.8 | 87.9 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| IV 4000 | 84.5 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| IV 3500 | 85.9 | 90.7 | 90.8 | 90.9 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| IV 3000 | 87.1 | 92.3 | 92.4 | 92.5 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 2500 | 88.3 | 93.9 | 94.0 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 2000 | 89.5 | 95.5 | 95.6 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV 1800 | 90.7 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| IV 1500 | 91.9 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1200 | 93.1 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 1000 | 94.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 900 | 95.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 800 | 96.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 700 | 97.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 600 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 7435

U.S. AIR FORCE
 AIR FORCE CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20330
 AIRCRAFT SERVICE BRANCH

CEILING VERSUS VISIBILITY

STATION ANNEDY SPACE CENTER FL

69-70, 73-81

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 1-57
 HOURS 1-57

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING | 14.3 | 58.6 | 53.2 | 55.1 | 17.4 | 39.4 | 59.7 | 59.7 | 59.7 | 60.1 | 67.0 | 60.0 | 57.2 | 60.2 | 57.2 | 59.0 |
| ≥ 20000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 18000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 16000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 14000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 12000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 10000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 9000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 8000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 7000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 6000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 5000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 4500 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 4000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 3500 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 3000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 2500 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 2000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 1800 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 1500 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 1200 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 1000 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 900 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 800 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 700 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 600 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 500 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 400 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 300 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 200 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 100 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 0 | 62.6 | 67.6 | 63.1 | 61.2 | 61.6 | 66.6 | 69.9 | 68.8 | 69.7 | 64.2 | 65.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 |

TOTAL NUMBER OF OBSERVATIONS 400

U.S. AIR FORCE
 1. STATION
 2. STATION SERVICE/MAIL

CEILING VERSUS VISIBILITY

1. STATION
 2. STATION NAME

67-15,73-3

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1/2 | ≥1/4 | ≥1/8 | ≥1/16 | ≥1/32 | ≥1/64 | ≥1/128 | ≥1/256 | ≥1/512 |
| NO CEILING | 63.4 | 58.6 | 53.8 | 49.0 | 44.2 | 39.4 | 34.6 | 29.8 | 25.0 | 20.2 | 15.4 | 10.6 | 5.8 | 1.0 | 0.2 | 0.0 |
| ≥20000 | 27.3 | 23.5 | 19.7 | 15.9 | 12.1 | 8.3 | 4.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| IV 18000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 16000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 14000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 12000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 10000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 9000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 8000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 7000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 6000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 5000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 4500 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 4000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 3500 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 3000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 2500 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 2000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 1800 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 1500 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 1200 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 1000 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 900 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 800 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 700 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 600 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 500 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 400 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 300 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 200 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 100 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |
| IV 0 | 62.3 | 57.5 | 52.7 | 47.9 | 43.1 | 38.3 | 33.5 | 28.7 | 23.9 | 19.1 | 14.3 | 9.5 | 4.7 | 0.9 | 0.1 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS 500

STATION NAME
STATION NUMBER
STATION TYPE

CEILING VERSUS VISIBILITY

STATION NAME: RENNETT LAPACK CENTER FL STATION NUMBER: 67-70,73-8 YEARS: 1967-1970 MONTH: 12 HOURS: 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 46.1 | 51.4 | 51.1 | 52.4 | 51.1 | 53.1 | 53.4 | 53.6 | 53.1 | 54.2 | 54.7 | 54.2 | 54.7 | 54.7 | 55.1 | 55.1 |
| ≥ 20000 | 46.1 | 52.7 | 53.1 | 54.1 | 54.9 | 54.9 | 55.2 | 55.4 | 55.4 | 56.2 | 56.7 | 56.2 | 56.7 | 56.7 | 57.1 | 57.1 |
| IV 18000 | 54.7 | 62.9 | 63.1 | 64.2 | 65.1 | 65.1 | 65.4 | 65.7 | 65.7 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 67.3 | 67.3 |
| IV 16000 | 54.7 | 63.3 | 64.3 | 65.3 | 66.1 | 66.1 | 66.4 | 66.7 | 66.7 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 68.2 | 68.2 |
| IV 14000 | 55.1 | 64.7 | 65.1 | 66.2 | 67.1 | 67.1 | 67.3 | 67.5 | 67.5 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 69.2 | 69.2 |
| IV 12000 | 54.7 | 67.4 | 67.9 | 68.8 | 69.7 | 69.7 | 70.1 | 70.3 | 70.3 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 71.6 | 71.6 |
| IV 10000 | 55.1 | 69.3 | 70.1 | 71.2 | 72.1 | 72.1 | 72.6 | 72.9 | 72.9 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 74.4 | 74.4 |
| IV 9000 | 55.1 | 70.9 | 71.0 | 72.6 | 73.4 | 73.4 | 73.9 | 74.1 | 74.1 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 75.3 | 75.3 |
| IV 8000 | 55.1 | 72.3 | 73.1 | 74.3 | 74.9 | 74.9 | 75.4 | 75.8 | 75.8 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 77.1 | 77.1 |
| IV 7000 | 55.1 | 74.0 | 74.3 | 75.7 | 76.6 | 76.6 | 77.1 | 77.4 | 77.4 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.7 | 78.7 |
| IV 6000 | 54.1 | 75.2 | 75.3 | 77.9 | 78.9 | 78.9 | 79.3 | 79.7 | 79.7 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 81.0 | 81.0 |
| IV 5000 | 55.6 | 75.1 | 75.1 | 79.8 | 80.7 | 80.7 | 81.2 | 81.6 | 81.6 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.8 | 82.8 |
| IV 4500 | 55.7 | 79.4 | 81.7 | 81.2 | 82.1 | 82.1 | 82.7 | 83.0 | 83.0 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 84.2 | 84.2 |
| IV 4000 | 55.7 | 80.7 | 82.5 | 82.9 | 84.8 | 84.8 | 85.4 | 85.8 | 85.8 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 87.0 | 87.0 |
| IV 3500 | 71.3 | 85.1 | 85.1 | 86.9 | 87.8 | 87.8 | 88.4 | 88.8 | 88.8 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 90.0 | 90.0 |
| IV 3000 | 71.3 | 85.7 | 86.5 | 87.9 | 88.9 | 88.9 | 89.4 | 89.8 | 89.8 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 91.0 | 91.0 |
| IV 2500 | 71.1 | 86.0 | 87.3 | 88.6 | 89.4 | 89.4 | 90.1 | 90.4 | 90.4 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.7 | 91.7 |
| IV 2000 | 71.7 | 87.8 | 88.6 | 89.8 | 90.7 | 90.7 | 91.3 | 91.7 | 91.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.9 | 92.9 |
| IV 1800 | 71.3 | 88.3 | 88.8 | 90.0 | 90.9 | 90.9 | 91.5 | 91.9 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 93.1 | 93.1 |
| IV 1500 | 71.3 | 88.3 | 88.8 | 90.0 | 90.9 | 90.9 | 91.5 | 91.9 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 93.1 | 93.1 |
| IV 1200 | 71.3 | 88.3 | 88.8 | 90.0 | 90.9 | 90.9 | 91.5 | 91.9 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 93.1 | 93.1 |
| IV 1000 | 72.9 | 89.4 | 90.7 | 91.4 | 92.3 | 92.3 | 93.1 | 93.4 | 93.4 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 |
| IV 900 | 72.9 | 90.7 | 91.1 | 92.2 | 93.2 | 93.2 | 94.0 | 94.3 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.7 | 95.7 |
| IV 800 | 72.9 | 90.7 | 91.7 | 92.9 | 93.8 | 93.8 | 94.6 | 94.9 | 94.9 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 96.2 | 96.2 |
| IV 700 | 72.9 | 91.1 | 91.9 | 93.1 | 94.0 | 94.0 | 94.8 | 95.1 | 95.1 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.4 | 96.4 |
| IV 600 | 72.9 | 91.0 | 92.1 | 93.2 | 94.1 | 94.1 | 94.9 | 95.2 | 95.2 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.6 | 96.6 |
| IV 500 | 73.3 | 91.3 | 92.3 | 93.6 | 94.4 | 94.4 | 95.2 | 95.6 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 97.1 | 97.1 |
| IV 400 | 73.3 | 91.3 | 92.3 | 93.6 | 94.6 | 94.6 | 95.4 | 95.9 | 95.9 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 97.4 | 97.4 |
| IV 300 | 73.3 | 91.3 | 92.3 | 93.6 | 94.7 | 94.7 | 95.6 | 96.0 | 96.0 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.7 | 97.7 |
| IV 200 | 73.3 | 91.4 | 92.4 | 93.7 | 94.8 | 94.8 | 95.8 | 96.2 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.4 | 98.4 |
| IV 100 | 73.3 | 91.4 | 92.4 | 93.7 | 94.8 | 94.8 | 95.8 | 96.2 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.4 | 98.4 |
| IV 0 | 73.3 | 91.4 | 92.4 | 93.7 | 94.8 | 94.8 | 95.8 | 96.2 | 96.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS: 713

1. NAME OF SUBSTATION: KENNEL SPACE CENTER FL
2. LOCATION: 28-71-73-5
3. DATE OF SERVICE: 1960

CEILING VERSUS VISIBILITY

STATION: KENNEL SPACE CENTER FL YEARS: 1960 MONTH: NOV
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS: 1-11

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|--------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING | 47.7 | 51.9 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥20000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥18000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥16000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥14000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥12000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥10000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥9000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥8000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥7000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥6000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥5000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥4500 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥4000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥3500 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥3000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥2500 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥2000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥1800 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥1500 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥1200 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥1000 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥900 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥800 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥700 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥600 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥500 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥400 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥300 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥200 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥100 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

U.S. AIR FORCE
METEOROLOGICAL SERVICE
METEOROLOGICAL SERVICE/MAS

CEILING VERSUS VISIBILITY

STATION NAME WANNED SPACE CENTER FL

DATE 6-7-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1960-1969
HOURS 1-5

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|---------|---------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 1/32 | ≥ 1/64 | ≥ 1/128 | ≥ 1/256 | ≥ 0 |
| NO CEILING | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 20000 | 67.3 | 68.7 | 69.1 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 18000 | 67.3 | 68.7 | 69.1 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 16000 | 67.3 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| IV 14000 | 66.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| IV 12000 | 70.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| IV 10000 | 72.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| IV 9000 | 72.3 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 8000 | 75.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| IV 7000 | 77.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| IV 6000 | 81.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| IV 5000 | 81.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| IV 4500 | 83.3 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IV 4000 | 84.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 3500 | 85.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 3000 | 86.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 2500 | 87.7 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| IV 2000 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 1800 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 1500 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 1200 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 1000 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 900 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 800 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 700 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 600 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 500 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 400 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 300 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 200 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 100 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| IV 0 | 89.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |

TOTAL NUMBER OF OBSERVATIONS 100

AL CLIMATE DATA
 STATION SERVICE/MSL

CEILING VERSUS VISIBILITY

STATION NAME KENNEDY SPACE CENTER FL

69-70, 73-80

YEARS

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-17.0
 HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING | 44.4 | 48.7 | 49.7 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥20000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 18000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 16000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 14000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 12000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 10000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 9000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 8000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 7000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 6000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 5000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 4500 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 4000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 3500 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 3000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 2500 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 2000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 1800 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 1500 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 1200 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 1000 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 900 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 800 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 700 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 600 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 500 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 400 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 300 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 200 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 100 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV 0 | 67.1 | 63.8 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |

TOTAL NUMBER OF OBSERVATIONS 500

1. NAME OF STATION
2. LOCATION
3. DATE OF SERVICE

CEILING VERSUS VISIBILITY

STATION NAME
RECOVERY SPACE CENTER FL

STATION NUMBER
64-70,73-87

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DATE OF REPORT
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .03 | ≥ .01 |
| NO CEILING | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 20000 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| IV 18000 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| IV 16000 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| IV 14000 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| IV 12000 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| IV 10000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 9000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| IV 8000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| IV 7000 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| IV 6000 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| IV 5000 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 4500 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV 4000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 3500 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 3000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 2500 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| IV 2000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 1800 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 1500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 1200 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 1000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 900 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 800 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 700 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 600 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 400 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 300 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 200 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 100 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS 894

U.S. AIR FORCE
METEOROLOGICAL BRANCH
AFMSTAC
METEOROLOGICAL SERVICE/AFAC

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL

69-70,73-8

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01-11-2000
HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.4 | ≥.3 | ≥.2 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 20000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 18000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 16000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 14000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 12000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 10000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 9000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 8000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 7000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 6000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 5000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 4500 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 4000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 3500 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 3000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 2500 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 2000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 1800 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 1500 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 1200 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 1000 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 900 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 800 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 700 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 600 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 500 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 400 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 300 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 200 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 100 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |
| ≥ 0 | 55.5 | 53.1 | 53.4 | 53.9 | 55.9 | 55.9 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 |

TOTAL NUMBER OF OBSERVATIONS 097

U.S. AIR FORCE
 AIRCRAFT SERVICE CENTER

CEILING VERSUS VISIBILITY

1. STATION NAME WANNLEY SPACE CENTER FL

69-71,73-5

YEARS

NO. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS 1-5

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 53.7 | 53.7 | 54.1 | 54.3 | 54.4 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 |
| ≥ 20000 | 53.3 | 57.0 | 67.7 | 67.6 | 67.8 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 |
| IV 18000 | 53.3 | 67.1 | 67.4 | 67.7 | 67.9 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 |
| IV 16000 | 53.4 | 67.6 | 67.7 | 68.0 | 68.3 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 |
| IV 14000 | 54.1 | 67.3 | 68.3 | 69.1 | 69.3 | 69.3 | 69.5 | 69.5 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 70.0 | 70.0 | 70.1 |
| IV 12000 | 55.3 | 70.5 | 70.4 | 71.2 | 71.4 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 72.0 | 72.0 | 72.2 |
| IV 10000 | 58.3 | 73.7 | 74.1 | 74.4 | 74.6 | 74.6 | 74.6 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.3 | 75.3 | 75.6 |
| IV 9000 | 70.1 | 75.6 | 76.1 | 76.4 | 76.6 | 76.6 | 76.8 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.3 | 77.3 | 77.4 | 77.6 |
| IV 8000 | 71.3 | 77.7 | 78.2 | 78.6 | 78.8 | 78.8 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.5 | 79.5 | 79.6 | 79.8 |
| IV 7000 | 73.1 | 79.3 | 79.8 | 80.1 | 80.4 | 80.4 | 80.6 | 80.6 | 80.8 | 80.8 | 81.0 | 81.0 | 81.3 | 81.3 | 81.5 | 81.8 |
| IV 6000 | 74.9 | 81.4 | 81.9 | 82.3 | 82.5 | 82.5 | 82.7 | 82.8 | 82.8 | 83.0 | 83.0 | 83.1 | 83.2 | 83.2 | 83.4 | 83.6 |
| IV 5000 | 76.7 | 83.4 | 84.1 | 84.3 | 84.6 | 84.6 | 84.8 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.3 | 85.3 | 85.4 | 85.6 |
| IV 4500 | 78.1 | 85.2 | 85.9 | 86.1 | 86.4 | 86.4 | 86.6 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.2 | 87.4 |
| IV 4000 | 79.7 | 87.3 | 87.9 | 88.2 | 88.5 | 88.5 | 88.8 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.3 | 89.3 | 89.5 | 89.6 |
| IV 3500 | 81.3 | 89.5 | 90.1 | 90.5 | 90.8 | 90.8 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.6 | 91.6 | 91.7 | 91.9 |
| IV 3000 | 82.8 | 91.3 | 91.4 | 91.8 | 92.1 | 92.1 | 92.4 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.9 | 92.9 | 93.0 | 93.2 |
| IV 2500 | 84.3 | 92.1 | 92.7 | 93.1 | 93.4 | 93.4 | 93.7 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.2 | 94.2 | 94.3 | 94.5 |
| IV 2000 | 85.3 | 93.6 | 94.4 | 94.8 | 95.1 | 95.2 | 95.4 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 96.1 | 96.2 |
| IV 1800 | 86.3 | 93.3 | 94.6 | 95.1 | 95.4 | 95.4 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.3 | 96.5 |
| IV 1500 | 87.4 | 94.0 | 94.6 | 95.2 | 95.6 | 95.6 | 95.9 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.6 | 96.7 |
| IV 1200 | 88.4 | 94.6 | 95.5 | 95.9 | 96.3 | 96.3 | 96.6 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.2 | 97.4 |
| IV 1000 | 89.4 | 94.8 | 95.8 | 96.1 | 96.5 | 96.5 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.4 | 97.4 | 97.5 | 97.7 |
| IV 900 | 90.4 | 95.3 | 96.1 | 96.6 | 97.0 | 97.0 | 97.3 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 | 98.0 | 98.2 |
| IV 800 | 91.4 | 95.5 | 96.4 | 96.9 | 97.2 | 97.2 | 97.6 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 98.2 | 98.2 | 98.3 | 98.5 |
| IV 700 | 92.4 | 95.8 | 96.7 | 97.2 | 97.6 | 97.6 | 97.9 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.7 | 98.8 |
| IV 600 | 93.4 | 95.9 | 96.9 | 97.3 | 97.8 | 97.8 | 98.2 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 99.1 |
| IV 500 | 94.3 | 96.1 | 97.1 | 97.7 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 99.1 | 99.1 | 99.2 | 99.4 |
| IV 400 | 95.3 | 96.3 | 97.3 | 97.7 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.5 | 99.6 |
| IV 300 | 96.3 | 96.2 | 97.3 | 97.7 | 98.4 | 98.4 | 98.8 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.7 | 99.9 |
| IV 200 | 97.3 | 96.2 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.8 | 100.0 |
| IV 100 | 98.3 | 96.2 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.8 | 100.0 |
| IV 0 | 99.3 | 96.2 | 97.3 | 97.9 | 98.4 | 98.4 | 98.9 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7195

U.S. AIR FORCE
METEOROLOGICAL BRANCH
HEADQUARTERS
U.S. AIR FORCE
WATER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION W. KENNEDY SPACE CENTER FL

62-70, 73-79

YEARS

PER

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 1-57
HOURS 1-57

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.16 | ≥.1 |
| NO CEILING | 45.1 | 55.1 | 59.0 | 61.2 | 67.6 | 68.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 20000 | 62.1 | 65.6 | 66.1 | 66.8 | 67.1 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 18000 | 62.4 | 65.7 | 66.1 | 67.1 | 67.4 | 67.4 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 16000 | 62.5 | 66.1 | 66.1 | 67.2 | 67.5 | 67.5 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 14000 | 63.1 | 66.6 | 67.1 | 67.7 | 68.1 | 68.1 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 12000 | 64.7 | 66.3 | 66.7 | 67.6 | 67.9 | 67.9 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 10000 | 67.4 | 71.1 | 71.5 | 72.4 | 72.7 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 9000 | 70.0 | 74.3 | 74.7 | 75.6 | 75.9 | 75.9 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 8000 | 72.3 | 77.0 | 77.4 | 78.3 | 78.6 | 78.6 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 7000 | 72.6 | 77.3 | 77.7 | 78.6 | 78.9 | 78.9 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 6000 | 74.3 | 78.9 | 79.4 | 80.2 | 80.5 | 80.5 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 5000 | 75.7 | 80.5 | 81.0 | 81.8 | 82.2 | 82.2 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 4500 | 77.1 | 82.0 | 82.5 | 83.3 | 83.7 | 83.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4000 | 77.3 | 82.1 | 82.5 | 83.3 | 83.7 | 83.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 3500 | 77.3 | 82.1 | 82.5 | 83.3 | 83.7 | 83.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 3000 | 81.5 | 87.7 | 88.2 | 89.1 | 89.4 | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 2500 | 82.6 | 88.9 | 89.4 | 90.2 | 90.5 | 90.5 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2000 | 83.7 | 91.0 | 91.4 | 92.3 | 92.6 | 92.6 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1800 | 84.1 | 91.1 | 91.5 | 92.4 | 92.7 | 92.7 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1500 | 84.4 | 92.2 | 92.6 | 93.5 | 93.8 | 93.8 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 84.4 | 92.3 | 92.7 | 93.6 | 93.9 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1000 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 900 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 800 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 700 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 600 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 500 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 400 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 300 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 200 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 100 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 0 | 84.5 | 92.4 | 92.8 | 93.7 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |

TOTAL NUMBER OF OBSERVATIONS 430

USAF ETAC
FORM 101-54
0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION NAME
MINNIE SPACE CENTER FL

PERIOD
68-70, 73-79

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

24 HOURS
HOURS (EST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 11.3 | 53.2 | 57.7 | 57.2 | 57.6 | 57.6 | 58.5 | 58.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 20000 | 58.2 | 64.9 | 64.9 | 64.8 | 65.3 | 65.3 | 66.1 | 66.3 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 18000 | 58.2 | 64.1 | 64.1 | 64.1 | 65.1 | 65.5 | 65.3 | 66.3 | 66.6 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 16000 | 58.2 | 64.4 | 65.3 | 65.4 | 65.8 | 65.3 | 66.7 | 66.9 | 66.9 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 14000 | 59.7 | 63.4 | 66.1 | 66.3 | 65.8 | 66.8 | 67.6 | 67.8 | 67.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 12000 | 59.7 | 63.5 | 67.2 | 67.4 | 67.8 | 67.8 | 68.7 | 68.9 | 68.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 10000 | 62.3 | 63.6 | 69.4 | 69.6 | 71.0 | 70.0 | 70.9 | 71.1 | 71.1 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 9000 | 64.3 | 71.4 | 72.2 | 72.4 | 72.8 | 72.8 | 73.7 | 73.9 | 73.9 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 8000 | 66.3 | 72.9 | 74.0 | 74.9 | 75.4 | 75.4 | 76.2 | 76.5 | 76.5 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 7000 | 67.3 | 74.4 | 75.7 | 75.5 | 75.9 | 75.9 | 76.8 | 77.0 | 77.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 6000 | 68.3 | 75.2 | 75.2 | 76.2 | 76.7 | 76.7 | 77.5 | 77.7 | 77.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 5000 | 69.3 | 77.6 | 78.4 | 78.9 | 79.4 | 79.4 | 80.2 | 80.4 | 80.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 4500 | 71.5 | 79.8 | 81.0 | 81.9 | 81.3 | 81.3 | 82.2 | 82.4 | 82.4 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 4000 | 73.7 | 82.6 | 83.3 | 83.7 | 84.1 | 84.1 | 84.9 | 85.2 | 85.2 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 3500 | 75.1 | 85.8 | 86.6 | 87.1 | 87.4 | 87.4 | 88.3 | 88.5 | 88.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 3000 | 76.7 | 86.6 | 87.3 | 87.7 | 88.2 | 88.2 | 89.1 | 89.2 | 89.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 2500 | 77.4 | 87.4 | 88.7 | 88.6 | 89.0 | 89.0 | 89.9 | 90.1 | 90.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2000 | 78.3 | 88.1 | 89.4 | 89.3 | 90.8 | 90.8 | 91.6 | 91.8 | 91.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1800 | 78.3 | 89.2 | 90.7 | 90.6 | 91.1 | 91.1 | 91.9 | 92.2 | 92.2 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1500 | 78.6 | 90.5 | 91.3 | 91.3 | 92.4 | 92.4 | 93.2 | 93.4 | 93.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1200 | 78.6 | 91.5 | 91.8 | 92.3 | 92.8 | 92.8 | 93.7 | 93.9 | 93.9 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1000 | 78.6 | 91.6 | 91.7 | 92.4 | 92.9 | 92.9 | 93.8 | 94.0 | 94.0 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 900 | 78.6 | 91.1 | 92.0 | 92.7 | 93.2 | 93.2 | 94.1 | 94.3 | 94.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 800 | 78.6 | 91.2 | 92.0 | 92.9 | 93.4 | 93.4 | 94.3 | 94.5 | 94.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 700 | 78.6 | 91.2 | 92.0 | 92.9 | 93.4 | 93.4 | 94.3 | 94.5 | 94.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | 78.6 | 91.6 | 92.7 | 93.3 | 93.9 | 93.9 | 94.8 | 95.1 | 95.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 500 | 78.6 | 91.8 | 90.9 | 93.5 | 94.1 | 94.1 | 95.1 | 95.3 | 95.3 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 400 | 78.6 | 92.5 | 93.8 | 94.2 | 94.7 | 94.7 | 95.7 | 96.1 | 96.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 300 | 79.1 | 92.8 | 93.9 | 94.5 | 95.1 | 95.1 | 96.0 | 96.3 | 96.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 200 | 79.1 | 93.1 | 94.2 | 94.8 | 95.4 | 95.4 | 96.3 | 96.7 | 96.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 100 | 79.1 | 93.1 | 94.2 | 94.8 | 95.4 | 95.4 | 96.3 | 96.7 | 96.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 0 | 79.1 | 93.1 | 94.2 | 94.8 | 95.4 | 95.4 | 96.3 | 96.7 | 96.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF CLIMATE DIVISION
 AFM 7-1
 1-1-64

CEILING VERSUS VISIBILITY

STATION NAME: WANNEDY SPACE CENTER FL

PERIOD: 1-1-73-12-31

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

66.5-66.5
 HOURS 1-1

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING | 45.3 | 51.5 | 57.2 | 61.2 | 61.8 | 61.3 | 62.3 | 62.7 | 62.7 | 63.4 | 64.0 | 64.0 | 65.1 | 65.1 | 65.5 | 65.7 |
| ≥ 20000 | 53.3 | 61.1 | 67.3 | 69.8 | 69.4 | 69.4 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 18000 | 53.3 | 61.6 | 61.4 | 61.4 | 62.7 | 62.5 | 62.9 | 62.7 | 64.1 | 64.3 | 64.3 | 64.3 | 65.5 | 65.5 | 66.0 | 66.5 |
| ≥ 16000 | 54.2 | 61.1 | 61.4 | 61.8 | 62.5 | 62.5 | 62.9 | 63.3 | 63.2 | 64.5 | 64.7 | 64.7 | 65.9 | 65.9 | 66.5 | 66.5 |
| ≥ 14000 | 55.4 | 62.6 | 62.9 | 63.3 | 64.0 | 64.3 | 64.4 | 64.6 | 64.7 | 66.1 | 66.3 | 66.3 | 67.5 | 67.5 | 68.1 | 68.5 |
| ≥ 12000 | 56.7 | 64.0 | 64.3 | 64.7 | 65.4 | 65.4 | 65.8 | 66.2 | 66.2 | 67.5 | 67.7 | 67.7 | 68.9 | 68.9 | 69.5 | 69.9 |
| ≥ 10000 | 58.1 | 66.5 | 66.7 | 67.2 | 67.8 | 67.8 | 68.3 | 68.7 | 68.7 | 70.0 | 70.2 | 70.2 | 71.4 | 71.4 | 71.9 | 72.4 |
| ≥ 9000 | 58.7 | 66.7 | 66.7 | 69.6 | 70.2 | 70.2 | 70.6 | 71.1 | 71.1 | 72.5 | 72.7 | 72.7 | 73.9 | 73.9 | 74.4 | 74.8 |
| ≥ 8000 | 61.3 | 70.4 | 70.7 | 71.4 | 72.0 | 72.0 | 72.5 | 72.9 | 72.9 | 74.3 | 74.5 | 74.5 | 75.7 | 75.7 | 76.2 | 76.7 |
| ≥ 7000 | 62.3 | 71.6 | 71.4 | 72.6 | 73.2 | 73.2 | 73.7 | 74.1 | 74.1 | 75.5 | 75.7 | 75.7 | 76.9 | 76.9 | 77.4 | 77.8 |
| ≥ 6000 | 63.1 | 73.1 | 73.4 | 74.1 | 74.7 | 74.7 | 75.2 | 75.6 | 75.6 | 77.0 | 77.2 | 77.2 | 78.4 | 78.4 | 78.9 | 79.4 |
| ≥ 5000 | 64.7 | 75.4 | 75.7 | 76.5 | 77.1 | 77.1 | 77.5 | 78.0 | 78.0 | 79.4 | 79.6 | 79.6 | 80.8 | 80.8 | 81.3 | 81.7 |
| ≥ 4500 | 65.4 | 76.2 | 76.4 | 77.7 | 78.4 | 78.4 | 78.8 | 79.2 | 79.2 | 80.6 | 80.9 | 80.9 | 82.0 | 82.0 | 82.6 | 83.0 |
| ≥ 4000 | 67.1 | 78.5 | 80.3 | 81.0 | 81.6 | 81.6 | 82.1 | 82.5 | 82.5 | 83.9 | 84.1 | 84.1 | 85.3 | 85.3 | 85.9 | 86.3 |
| ≥ 3500 | 71.3 | 82.2 | 82.7 | 83.7 | 84.3 | 84.3 | 84.7 | 85.2 | 85.2 | 86.7 | 86.9 | 86.9 | 88.1 | 88.1 | 88.6 | 89.1 |
| ≥ 3000 | 71.2 | 82.9 | 83.4 | 84.4 | 85.1 | 85.1 | 85.5 | 85.9 | 85.9 | 87.4 | 87.6 | 87.6 | 88.8 | 88.8 | 89.4 | 89.8 |
| ≥ 2500 | 71.3 | 83.9 | 84.4 | 85.4 | 86.0 | 86.0 | 86.5 | 86.9 | 86.9 | 88.4 | 88.6 | 88.6 | 89.8 | 89.8 | 90.3 | 90.8 |
| ≥ 2000 | 72.0 | 84.8 | 85.5 | 86.5 | 87.1 | 87.1 | 87.6 | 88.1 | 88.1 | 89.6 | 89.8 | 89.8 | 91.0 | 91.0 | 91.5 | 91.9 |
| ≥ 1800 | 72.0 | 85.5 | 86.1 | 87.1 | 87.7 | 87.7 | 88.3 | 88.7 | 88.7 | 90.2 | 90.4 | 90.4 | 91.6 | 91.6 | 92.2 | 92.6 |
| ≥ 1500 | 72.2 | 85.6 | 86.2 | 87.2 | 87.8 | 87.8 | 88.4 | 88.8 | 88.8 | 90.4 | 90.6 | 90.6 | 91.8 | 91.8 | 92.4 | 92.8 |
| ≥ 1200 | 72.4 | 86.5 | 87.2 | 88.2 | 89.1 | 89.1 | 89.7 | 90.1 | 90.1 | 91.7 | 91.9 | 91.9 | 93.2 | 93.2 | 93.8 | 94.2 |
| ≥ 1000 | 72.4 | 87.1 | 88.1 | 89.1 | 90.1 | 90.1 | 90.6 | 91.1 | 91.1 | 92.8 | 93.0 | 93.0 | 94.3 | 94.3 | 94.8 | 95.3 |
| ≥ 900 | 72.4 | 87.2 | 88.2 | 89.1 | 90.2 | 90.2 | 90.8 | 91.2 | 91.2 | 92.9 | 93.1 | 93.1 | 94.4 | 94.4 | 94.9 | 95.4 |
| ≥ 800 | 72.0 | 87.6 | 88.7 | 89.7 | 90.8 | 90.8 | 91.3 | 91.7 | 91.7 | 93.4 | 93.6 | 93.6 | 94.9 | 94.9 | 95.5 | 96.0 |
| ≥ 700 | 72.7 | 87.8 | 88.9 | 90.0 | 91.1 | 91.1 | 91.6 | 92.0 | 92.0 | 93.8 | 94.0 | 94.0 | 95.6 | 95.6 | 96.1 | 96.6 |
| ≥ 600 | 72.7 | 88.0 | 89.1 | 90.1 | 91.2 | 91.2 | 91.9 | 92.4 | 92.4 | 94.1 | 94.3 | 94.3 | 95.9 | 95.9 | 96.5 | 97.0 |
| ≥ 500 | 72.7 | 88.2 | 89.2 | 90.5 | 91.8 | 91.8 | 92.7 | 93.1 | 93.1 | 94.8 | 95.0 | 95.0 | 96.7 | 96.7 | 97.2 | 97.7 |
| ≥ 400 | 72.7 | 88.6 | 89.9 | 91.4 | 93.0 | 93.1 | 94.0 | 94.4 | 94.4 | 96.1 | 96.3 | 96.3 | 98.1 | 98.1 | 98.6 | 99.1 |
| ≥ 300 | 72.7 | 88.8 | 90.1 | 91.7 | 93.3 | 93.4 | 94.3 | 94.7 | 94.7 | 96.5 | 96.7 | 96.7 | 98.4 | 98.4 | 98.9 | 99.5 |
| ≥ 200 | 72.7 | 89.8 | 90.1 | 91.7 | 93.3 | 93.4 | 94.3 | 94.7 | 94.7 | 96.5 | 96.7 | 96.7 | 98.4 | 98.4 | 98.9 | 99.5 |
| ≥ 100 | 72.7 | 88.8 | 90.1 | 91.7 | 93.3 | 93.4 | 94.3 | 94.7 | 94.7 | 96.5 | 96.7 | 96.7 | 98.4 | 98.4 | 98.9 | 99.5 |
| ≥ 0 | 72.7 | 88.8 | 90.1 | 91.7 | 93.3 | 93.4 | 94.3 | 94.7 | 94.7 | 96.5 | 96.7 | 96.7 | 98.4 | 98.4 | 98.9 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS: 520

ADCE, MATCO, TANCH
 1000
 1000

CEILING VERSUS VISIBILITY

1 36 KENNEDY SPACE CENTER FL
 STATION STATION NAME

65-76, 73-77
 YEARS

91C
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

91C-117C
 HOURS 151

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 61.5 | 53.9 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.7 | 54.7 | 54.7 | 54.7 |
| IV 18000 | 59.2 | 52.5 | 52.7 | 52.8 | 52.9 | 52.9 | 52.9 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.3 | 53.3 | 53.3 | 53.3 |
| IV 16000 | 59.4 | 52.6 | 52.8 | 52.9 | 53.0 | 53.0 | 53.0 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.4 | 53.4 | 53.4 | 53.4 |
| IV 14000 | 59.6 | 52.8 | 53.0 | 53.1 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.6 | 53.6 | 53.6 | 53.6 |
| IV 12000 | 59.8 | 53.0 | 53.2 | 53.3 | 53.4 | 53.4 | 53.4 | 53.5 | 53.5 | 53.6 | 53.6 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 |
| IV 10000 | 60.0 | 53.2 | 53.4 | 53.5 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 |
| IV 9000 | 60.2 | 53.4 | 53.6 | 53.7 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.2 | 54.2 | 54.2 | 54.2 |
| IV 8000 | 60.4 | 53.6 | 53.8 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 |
| IV 7000 | 60.6 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 |
| IV 6000 | 60.8 | 54.0 | 54.2 | 54.3 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 5000 | 61.0 | 54.2 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 55.0 | 55.0 | 55.0 | 55.0 |
| IV 4500 | 61.2 | 54.4 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.2 | 55.2 | 55.2 | 55.2 |
| IV 4000 | 61.4 | 54.6 | 54.8 | 54.9 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 |
| IV 3500 | 61.6 | 54.8 | 55.0 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 |
| IV 3000 | 61.8 | 55.0 | 55.2 | 55.3 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.8 | 55.8 | 55.8 | 55.8 |
| IV 2500 | 62.0 | 55.2 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 |
| IV 2000 | 62.2 | 55.4 | 55.6 | 55.7 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.2 | 56.2 | 56.2 | 56.2 |
| IV 1800 | 62.4 | 55.6 | 55.8 | 55.9 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 |
| IV 1500 | 62.6 | 55.8 | 56.0 | 56.1 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 |
| IV 1200 | 62.8 | 56.0 | 56.2 | 56.3 | 56.4 | 56.4 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.8 | 56.8 | 56.8 | 56.8 |
| IV 1000 | 63.0 | 56.2 | 56.4 | 56.5 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 57.0 | 57.0 | 57.0 | 57.0 |
| IV 900 | 63.2 | 56.4 | 56.6 | 56.7 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.2 | 57.2 | 57.2 | 57.2 |
| IV 800 | 63.4 | 56.6 | 56.8 | 56.9 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.4 | 57.4 | 57.4 | 57.4 |
| IV 700 | 63.6 | 56.8 | 57.0 | 57.1 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 |
| IV 600 | 63.8 | 57.0 | 57.2 | 57.3 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.8 | 57.8 | 57.8 | 57.8 |
| IV 500 | 64.0 | 57.2 | 57.4 | 57.5 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 |
| IV 400 | 64.2 | 57.4 | 57.6 | 57.7 | 57.8 | 57.8 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 |
| IV 300 | 64.4 | 57.6 | 57.8 | 57.9 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.4 | 58.4 | 58.4 | 58.4 |
| IV 200 | 64.6 | 57.8 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.6 | 58.6 | 58.6 | 58.6 |
| IV 100 | 64.8 | 58.0 | 58.2 | 58.3 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 |
| IV 0 | 65.0 | 58.2 | 58.4 | 58.5 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 59.0 | 59.0 | 59.0 | 59.0 |

TOTAL NUMBER OF OBSERVATIONS 920

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL

DATE 7-73-19

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-14-15
 HOURS 151

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 51.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 20000 | 63.7 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 18000 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 16000 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 14000 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 12000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 10000 | 73.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 9000 | 74.1 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 8000 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 7000 | 77.5 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 6000 | 79.1 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 5000 | 80.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4500 | 81.5 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4000 | 84.2 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3500 | 85.6 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 3000 | 87.3 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2500 | 88.7 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 2000 | 89.5 | 94.7 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 89.5 | 94.8 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1500 | 90.7 | 95.8 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1200 | 90.1 | 96.3 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 90.1 | 96.5 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 90.3 | 96.8 | 97.3 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 90.3 | 97.2 | 98.1 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 90.3 | 97.3 | 98.3 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 90.6 | 98.0 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 90.6 | 98.0 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 90.3 | 98.0 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 90.3 | 98.0 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 90.6 | 98.0 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 90.6 | 98.0 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 90.6 | 98.0 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 530

LOCAL CLIMATOLOGY STATION
STATION
STATION SERVICE/NAME

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL

65-70, 73-79

CLC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-1766
HOURS

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥0 |
| NO CEILING | 67.7 | 64.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 20000 | 66.5 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.7 |
| ≥ 18000 | 67.1 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.3 |
| ≥ 16000 | 67.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.5 |
| ≥ 14000 | 68.3 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.5 |
| ≥ 12000 | 70.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.9 |
| ≥ 10000 | 75.2 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 |
| ≥ 9000 | 76.3 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.4 |
| ≥ 8000 | 79.9 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 |
| ≥ 7000 | 79.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.3 |
| ≥ 6000 | 81.1 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.9 |
| ≥ 5000 | 81.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.3 |
| ≥ 4500 | 83.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.4 |
| ≥ 4000 | 85.2 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.6 |
| ≥ 3500 | 87.1 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.9 |
| ≥ 3000 | 89.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.2 |
| ≥ 2500 | 89.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 |
| ≥ 2000 | 89.3 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 |
| ≥ 1800 | 89.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 |
| ≥ 1500 | 89.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 |
| ≥ 1200 | 89.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 |
| ≥ 1000 | 89.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 |
| ≥ 900 | 89.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 |
| ≥ 800 | 89.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 |
| ≥ 700 | 89.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 |
| ≥ 600 | 89.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.6 |
| ≥ 500 | 89.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.9 |
| ≥ 400 | 89.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 |
| ≥ 300 | 89.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 |
| ≥ 200 | 89.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 |
| ≥ 100 | 89.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 |
| ≥ 0 | 89.3 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 436

JOINT CLIMATOLOGY BRANCH
USAF ETAC
47 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 STATION WINDY SPACE CENTER FL

68-70, 73-79

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100000
HOURS TEST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥1 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥.05 | ≥.01 |
| NO CEILING | 66.9 | 67.9 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 20000 | 65.7 | 67.3 | 67.3 | 67.3 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| IV 18000 | 65.6 | 67.5 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| IV 16000 | 66.5 | 68.1 | 68.2 | 68.2 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| IV 14000 | 67.3 | 69.1 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| IV 12000 | 69.7 | 71.7 | 71.8 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 10000 | 73.5 | 75.4 | 75.5 | 75.5 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 9000 | 74.7 | 77.6 | 77.7 | 77.7 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IV 8000 | 75.4 | 79.8 | 80.1 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| IV 7000 | 77.7 | 83.7 | 83.9 | 83.9 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| IV 6000 | 79.1 | 83.2 | 83.4 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 5000 | 80.7 | 85.3 | 85.6 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 4500 | 82.3 | 87.3 | 87.5 | 87.6 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| IV 4000 | 84.2 | 89.9 | 90.1 | 90.2 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 3500 | 86.3 | 92.5 | 92.7 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 3000 | 87.4 | 93.9 | 94.2 | 94.4 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| IV 2500 | 87.9 | 94.8 | 95.1 | 95.3 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 2000 | 88.3 | 96.1 | 96.5 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1800 | 88.3 | 96.1 | 96.5 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1500 | 88.3 | 96.6 | 97.0 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 1200 | 88.7 | 97.1 | 97.4 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 1000 | 88.7 | 97.3 | 97.5 | 97.8 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 900 | 88.7 | 97.2 | 97.6 | 97.8 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 800 | 88.7 | 97.6 | 98.1 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 700 | 88.7 | 97.7 | 98.2 | 98.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 600 | 88.7 | 98.3 | 98.4 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 500 | 88.7 | 98.1 | 98.4 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 400 | 88.7 | 98.1 | 98.4 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 300 | 88.7 | 98.1 | 98.4 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 200 | 88.7 | 98.1 | 98.4 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 100 | 88.7 | 98.1 | 98.4 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 0 | 88.7 | 98.1 | 98.4 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

978

USAF ETAC

FORM 101-64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. ALBUQUERQUE, N.M.
2. 14-5
3. 14-5 SERVICE/740

CEILING VERSUS VISIBILITY

1. STATION KENNEDY SPACE CENTER FL

65-70, 73-79

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14-5-2400
HOURS (LT)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|-------|-------|-------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .10 | ≥ .05 | ≥ .025 | ≥ 0 |
| NO CEILING | 67.3 | 67.7 | 67.7 | 67.7 | 67.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 20000 | 64.6 | 67.7 | 67.7 | 67.7 | 67.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| IV 18000 | 64.6 | 67.7 | 67.7 | 67.7 | 67.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| IV 16000 | 65.1 | 67.4 | 67.7 | 68.2 | 68.8 | 69.8 | 68.8 | 69.8 | 68.8 | 69.8 | 68.8 | 69.8 | 68.8 | 69.8 | 68.8 | 69.8 |
| IV 14000 | 65.8 | 68.2 | 68.4 | 68.9 | 69.6 | 69.8 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| IV 12000 | 68.3 | 71.0 | 71.3 | 71.7 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 10000 | 71.0 | 74.8 | 75.1 | 75.5 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 9000 | 73.4 | 77.3 | 77.7 | 78.1 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| IV 8000 | 74.5 | 79.3 | 79.6 | 80.2 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| IV 7000 | 75.3 | 80.0 | 80.4 | 80.8 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| IV 6000 | 76.5 | 81.9 | 82.7 | 82.7 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| IV 5000 | 76.7 | 84.1 | 84.4 | 84.9 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| IV 4500 | 76.5 | 86.2 | 86.5 | 87.1 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 4000 | 76.5 | 86.6 | 86.9 | 87.5 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| IV 3500 | 76.7 | 81.0 | 81.3 | 82.0 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| IV 3000 | 76.7 | 82.7 | 83.1 | 83.6 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| IV 2500 | 76.5 | 83.3 | 83.9 | 84.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| IV 2000 | 76.5 | 83.9 | 84.4 | 85.1 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 1800 | 76.5 | 84.0 | 84.4 | 85.3 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| IV 1500 | 76.5 | 84.2 | 84.6 | 85.4 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 1200 | 76.5 | 84.7 | 85.3 | 86.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 1000 | 76.5 | 84.9 | 85.3 | 86.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| IV 900 | 76.5 | 85.1 | 85.6 | 86.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 800 | 76.5 | 85.1 | 85.6 | 86.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 700 | 76.5 | 85.4 | 85.9 | 86.7 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 600 | 76.5 | 86.1 | 86.3 | 87.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| IV 500 | 76.5 | 86.2 | 86.4 | 87.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| IV 400 | 76.5 | 86.2 | 86.4 | 88.0 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 300 | 76.5 | 86.2 | 86.4 | 88.0 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 200 | 76.5 | 86.5 | 87.1 | 88.3 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 100 | 76.5 | 86.5 | 87.1 | 88.3 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 0 | 76.5 | 86.5 | 87.1 | 88.3 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |

TOTAL NUMBER OF OBSERVATIONS 927

J

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

PERIOD: 03-70, 73-79

DATE: 10/64

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 53.1 | 58.4 | 51.7 | 55.7 | 51.2 | 55.2 | 56.4 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 20000 | 11.7 | 14.7 | 15.1 | 15.2 | 15.5 | 15.5 | 15.9 | 15.9 | 15.9 | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 | 16.2 |
| ≥ 18000 | 61.8 | 65.5 | 61.7 | 65.5 | 61.8 | 65.5 | 66.1 | 66.1 | 66.1 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 16000 | 62.4 | 65.5 | 65.7 | 66.0 | 66.3 | 66.3 | 66.5 | 66.6 | 66.6 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 14000 | 63.4 | 66.5 | 66.9 | 67.1 | 67.4 | 67.4 | 67.5 | 67.7 | 67.7 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 12000 | 65.5 | 68.5 | 69.1 | 69.4 | 69.7 | 69.7 | 69.9 | 70.0 | 70.0 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 10000 | 69.5 | 72.4 | 72.7 | 73.1 | 73.2 | 73.2 | 73.5 | 73.6 | 73.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 9000 | 70.2 | 74.7 | 75.1 | 75.3 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 8000 | 72.1 | 77.1 | 77.4 | 77.8 | 78.1 | 78.1 | 78.3 | 78.4 | 78.4 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 7000 | 72.5 | 77.9 | 78.3 | 78.6 | 78.9 | 78.9 | 79.2 | 79.2 | 79.2 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 6000 | 74.2 | 79.5 | 79.8 | 80.2 | 80.5 | 80.5 | 80.7 | 80.8 | 80.8 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 5000 | 75.7 | 81.4 | 81.7 | 82.1 | 82.4 | 82.4 | 82.7 | 82.8 | 82.8 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 4500 | 77.1 | 83.1 | 83.4 | 83.8 | 84.2 | 84.2 | 84.4 | 84.5 | 84.5 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 4000 | 79.1 | 85.7 | 85.1 | 86.5 | 86.9 | 86.9 | 87.1 | 87.2 | 87.2 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3500 | 81.1 | 88.2 | 88.5 | 89.1 | 89.4 | 89.4 | 89.6 | 89.7 | 89.7 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3000 | 82.4 | 89.8 | 89.1 | 90.6 | 91.0 | 91.0 | 91.3 | 91.4 | 91.4 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2500 | 82.7 | 90.9 | 91.1 | 91.5 | 91.9 | 91.9 | 92.1 | 92.2 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | 82.7 | 92.1 | 92.5 | 93.1 | 93.5 | 93.5 | 93.7 | 93.9 | 93.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1800 | 83.7 | 92.2 | 92.7 | 93.3 | 93.7 | 93.7 | 94.0 | 94.1 | 94.1 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1500 | 84.1 | 92.9 | 93.4 | 94.0 | 94.4 | 94.4 | 94.7 | 94.8 | 94.8 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 84.1 | 93.4 | 94.0 | 94.6 | 95.1 | 95.1 | 95.4 | 95.5 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1000 | 84.1 | 93.6 | 94.2 | 94.9 | 95.4 | 95.4 | 95.7 | 95.8 | 95.8 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 84.1 | 93.9 | 94.5 | 95.2 | 95.7 | 95.7 | 96.0 | 96.1 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 800 | 84.2 | 94.1 | 94.7 | 95.5 | 96.0 | 96.0 | 96.3 | 96.4 | 96.4 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 700 | 84.3 | 94.3 | 95.0 | 95.7 | 96.3 | 96.3 | 96.6 | 96.7 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 600 | 84.3 | 94.7 | 95.4 | 96.2 | 96.7 | 96.7 | 97.1 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 500 | 84.4 | 94.9 | 95.6 | 96.5 | 97.1 | 97.1 | 97.5 | 97.6 | 97.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | 84.4 | 95.1 | 95.8 | 96.8 | 97.5 | 97.5 | 97.9 | 98.0 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 300 | 84.4 | 95.1 | 95.9 | 96.9 | 97.6 | 97.6 | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 84.4 | 95.2 | 96.0 | 97.1 | 97.7 | 97.7 | 98.1 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 100 | 84.4 | 95.2 | 96.1 | 97.1 | 97.7 | 97.7 | 98.2 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 0 | 84.4 | 95.2 | 96.1 | 97.1 | 97.7 | 97.7 | 98.2 | 98.3 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS: 7435

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. ALTIMETER DATA
2. DATA - SERVICE AREA

CEILING VERSUS VISIBILITY

STATION NAME
STATION NAME

10-7, 73-4

YEARS

3.1

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.1
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .9 | ≥ .8 | ≥ .7 | ≥ .6 | ≥ .5 | ≥ 0 |
| NO CEILING ≥ 20000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 18000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 16000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 14000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 12000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 10000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 9000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 8000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 7000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 6000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 5000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 4500 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 4000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 3500 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 3000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 2500 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 2000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 1800 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 1500 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 1200 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 1000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 900 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 800 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 700 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 600 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 500 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 400 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 300 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 200 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 100 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥ 0 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |

TOTAL NUMBER OF OBSERVATIONS 37623

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN

ΣΤΑΘ. ΟΥΝ

STATION NAME

PERIOD

646 *Journal of Management Inquiry* 18(6)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | 00-02 | 23.8 | | | 29.5 | | | | | | 16.8 | 25.9 | 5.0 | 925 |
| | 03-05 | 29.4 | | | 27.9 | | | | | | 15.2 | 27.5 | 5.0 | 924 |
| | 06-08 | 14.3 | | | 33.1 | | | | | | 24.9 | 27.8 | 6.0 | 925 |
| | 09-11 | 11.4 | | | 30.8 | | | | | | 27.5 | 30.3 | 6.4 | 930 |
| | 12-14 | 7.6 | | | 32.5 | | | | | | 27.5 | 32.4 | 6.7 | 930 |
| | 15-17 | 8.2 | | | 34.0 | | | | | | 27.7 | 30.1 | 6.5 | 930 |
| | 18-20 | 15.5 | | | 32.3 | | | | | | 22.2 | 30.1 | 6.0 | 930 |
| | 21-23 | 23.7 | | | 30.2 | | | | | | 19.2 | 26.9 | 5.3 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.4 | | | 31.2 | | | | | | 22.6 | 28.9 | 5.9 | 7424 |

FORM
11-1 64

0.9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

FEB

574

STATION NAME

PERIOD

MONITOR

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 0-02 | 35.2 | | | 24.7 | | | | | | 15.2 | 24.6 | 4.6 | 846 |
| | 03-05 | 32.7 | | | 21.7 | | | | | | 19.5 | 26.0 | 5.0 | 846 |
| | 06-08 | 18.4 | | | 29.9 | | | | | | 22.2 | 29.6 | 5.9 | 844 |
| | 09-11 | 15.6 | | | 29.3 | | | | | | 22.6 | 32.4 | 6.2 | 845 |
| | 12-14 | 12.1 | | | 33.9 | | | | | | 23.9 | 30.1 | 6.2 | 846 |
| | 15-17 | 13.5 | | | 33.0 | | | | | | 24.2 | 29.3 | 6.1 | 846 |
| | 18-20 | 20.4 | | | 27.5 | | | | | | 21.7 | 30.3 | 5.8 | 846 |
| | 21-23 | 33.7 | | | 23.0 | | | | | | 17.1 | 26.1 | 4.8 | 846 |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 22.7 | | | 27.9 | | | | | | 20.8 | 28.6 | 5.6 | 6765 |

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAR | 00-02 | 31.5 | | | 25.9 | | | | | | 18.8 | 24.0 | 4.9 | 928 |
| | 03-05 | 26.8 | | | 31.2 | | | | | | 18.5 | 23.4 | 4.9 | 922 |
| | 06-08 | 12.8 | | | 30.6 | | | | | | 28.0 | 28.6 | 6.3 | 919 |
| | 09-11 | 11.1 | | | 32.8 | | | | | | 28.6 | 27.5 | 6.3 | 930 |
| | 12-14 | 6.2 | | | 38.1 | | | | | | 27.5 | 28.2 | 6.4 | 930 |
| | 15-17 | 9.1 | | | 38.5 | | | | | | 24.5 | 27.8 | 6.1 | 930 |
| | 18-20 | 15.9 | | | 34.7 | | | | | | 22.2 | 27.2 | 5.8 | 930 |
| | 21-23 | 31.5 | | | 29.5 | | | | | | 16.9 | 23.1 | 4.7 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 18.1 | | | 32.5 | | | | | | 23.1 | 26.2 | 5.7 | 7419 |

SKY COVER

APR

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-----------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| APR | 0-02 | 35.2 | | | 28.6 | | | | | | 17.7 | 18.0 | 4.2 | 900 |
| | 3-05 | 33.8 | | | 31.4 | | | | | | 17.2 | 17.6 | 4.2 | 900 |
| | 6-08 | 19.9 | | | 36.5 | | | | | | 25.3 | 18.3 | 5.2 | 894 |
| | 9-11 | 13.3 | | | 43.7 | | | | | | 25.3 | 17.7 | 5.4 | 900 |
| | 12-14 | 11.6 | | | 44.3 | | | | | | 24.6 | 19.6 | 5.5 | 900 |
| | 15-17 | 13.8 | | | 41.4 | | | | | | 24.6 | 20.2 | 5.5 | 900 |
| | 18-20 | 19.7 | | | 38.9 | | | | | | 22.9 | 18.5 | 5.1 | 899 |
| | 21-23 | 34.6 | | | 33.3 | | | | | | 15.2 | 16.9 | 4.1 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 22.8 | | | 37.3 | | | | | | 21.6 | 18.4 | 4.9 | 7193 |

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

44 Y

STATION

STATION NAME

PERIOD

MÜNCHEN

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 01-02 | 28.0 | | | 36.3 | | | | | | 18.1 | 17.7 | 4.5 | 929 |
| | 03-05 | 25.8 | | | 37.7 | | | | | | 22.4 | 14.1 | 4.6 | 930 |
| | 06-08 | 10.8 | | | 33.2 | | | | | | 31.0 | 20.1 | 5.9 | 920 |
| | 09-11 | 5.2 | | | 43.0 | | | | | | 29.2 | 22.5 | 6.2 | 927 |
| | 12-14 | 4.5 | | | 41.8 | | | | | | 29.5 | 24.2 | 6.3 | 930 |
| | 15-17 | 6.7 | | | 39.4 | | | | | | 27.4 | 26.5 | 6.3 | 929 |
| | 18-20 | 4.9 | | | 36.3 | | | | | | 27.2 | 27.5 | 6.3 | 930 |
| | 21-23 | 22.9 | | | 30.2 | | | | | | 22.8 | 24.1 | 5.4 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 14.1 | | | 37.9 | | | | | | 26.0 | 22.1 | 5.7 | 7425 |

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUN

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUN. | 00-02 | 20.7 | | | 35.6 | | | | | | 24.7 | 19.1 | 5.2 | 900 |
| | 03-05 | 19.9 | | | 43.7 | | | | | | 20.9 | 15.6 | 4.7 | 900 |
| | 06-08 | 8.6 | | | 40.9 | | | | | | 30.5 | 20.0 | 6.0 | 899 |
| | 09-11 | 2.7 | | | 46.0 | | | | | | 32.3 | 19.1 | 5.2 | 900 |
| | 12-14 | .9 | | | 44.9 | | | | | | 32.6 | 21.7 | 6.4 | 900 |
| | 15-17 | 2.7 | | | 36.7 | | | | | | 32.8 | 27.9 | 6.8 | 900 |
| | 18-20 | 4.8 | | | 28.9 | | | | | | 29.8 | 36.5 | 7.2 | 899 |
| | 21-23 | 11.3 | | | 31.6 | | | | | | 25.7 | 31.4 | 6.4 | 899 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 9.0 | | | 38.5 | | | | | | 28.7 | 23.9 | 6.1 | 7197 |

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

JUL

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUL | 00-02 | 18.5 | | | 41.4 | | | | | | 23.5 | 16.6 | 5.0 | 929 |
| | 03-05 | 19.7 | | | 45.3 | | | | | | 23.8 | 11.2 | 4.6 | 929 |
| | 06-08 | 5.7 | | | 40.3 | | | | | | 36.7 | 17.3 | 6.2 | 929 |
| | 09-11 | 2.4 | | | 39.2 | | | | | | 37.4 | 21.1 | 6.6 | 929 |
| | 12-14 | .3 | | | 32.7 | | | | | | 42.9 | 24.1 | 7.3 | 930 |
| | 15-17 | .6 | | | 31.1 | | | | | | 37.6 | 30.6 | 7.4 | 930 |
| | 18-20 | 1.0 | | | 28.9 | | | | | | 31.9 | 38.2 | 7.6 | 930 |
| | 21-23 | 8.1 | | | 35.8 | | | | | | 29.6 | 26.6 | 6.4 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 7.0 | | | 36.8 | | | | | | 32.9 | 23.2 | 6.4 | 7436 |

SKY COVER

AUG

STATION

STATION NAME

PERIOD

MCIM

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 16.4 | | | 46.9 | | | | | | 22.5 | 14.2 | 4.9 | 926 |
| | 03-05 | 17.3 | | | 51.0 | | | | | | 20.2 | 11.5 | 4.5 | 927 |
| | 06-08 | 2.6 | | | 52.5 | | | | | | 30.6 | 14.3 | 5.8 | 930 |
| | 09-11 | 1.0 | | | 48.8 | | | | | | 35.4 | 14.8 | 6.1 | 930 |
| | 12-14 | .5 | | | 43.4 | | | | | | 37.0 | 19.1 | 6.5 | 929 |
| | 15-17 | .8 | | | 39.2 | | | | | | 35.2 | 24.8 | 6.8 | 930 |
| | 18-20 | 1.4 | | | 37.6 | | | | | | 30.8 | 30.2 | 6.9 | 929 |
| | 21-23 | 10.7 | | | 40.0 | | | | | | 25.2 | 24.1 | 5.9 | 929 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 6.3 | | | 44.9 | | | | | | 29.6 | 19.1 | 5.9 | 7432 |

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

69-70, 73-80

SEP

STATION

STATION NAME

PERIOD

ACQUINTANCE

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| SEP | 00-02 | 11.0 | | | 44.0 | | | | | | 25.2 | 19.8 | 5.6 | 900 |
| | 03-05 | 11.9 | | | 50.2 | | | | | | 22.2 | 15.7 | 5.1 | 900 |
| | 06-08 | 2.0 | | | 49.7 | | | | | | 31.4 | 16.9 | 6.0 | 900 |
| | 09-11 | .2 | | | 45.4 | | | | | | 37.7 | 16.7 | 6.4 | 900 |
| | 12-14 | .1 | | | 40.4 | | | | | | 41.0 | 18.5 | 6.8 | 899 |
| | 15-17 | 1.0 | | | 34.9 | | | | | | 39.4 | 24.7 | 7.1 | 900 |
| | 18-20 | 2.4 | | | 34.9 | | | | | | 25.6 | 37.1 | 7.1 | 900 |
| | 21-23 | 8.3 | | | 38.6 | | | | | | 21.8 | 31.3 | 6.3 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 4.6 | | | 42.3 | | | | | | 30.5 | 22.6 | 6.3 | 7199 |

FORM
11-1-64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

OCT

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| OCT | 0-02 | 20.3 | | | 39.6 | | | | | | 21.1 | 20.0 | 5.1 | 927 |
| | 03-05 | 20.1 | | | 41.8 | | | | | | 17.2 | 20.9 | 4.9 | 929 |
| | 06-08 | 7.6 | | | 42.3 | | | | | | 29.8 | 20.2 | 6.0 | 929 |
| | 09-11 | 6.2 | | | 42.7 | | | | | | 29.2 | 21.9 | 6.1 | 929 |
| | 12-14 | 3.1 | | | 41.8 | | | | | | 33.8 | 21.3 | 6.4 | 929 |
| | 15-17 | 5.3 | | | 40.1 | | | | | | 32.7 | 21.9 | 6.3 | 930 |
| | 18-20 | 11.2 | | | 40.0 | | | | | | 23.0 | 25.9 | 5.9 | 928 |
| | 21-23 | 17.9 | | | 39.0 | | | | | | 23.5 | 20.7 | 5.3 | 929 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 11.5 | | | 40.7 | | | | | | 26.3 | 21.6 | 5.8 | 7430 |

SKY COVER

NCV

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00-02 | 26.4 | | | 32.9 | | | | | | 19.6 | 21.1 | 4.9 | 899 |
| | 03-05 | 26.8 | | | 32.5 | | | | | | 20.0 | 20.7 | 4.8 | 895 |
| | 06-08 | 13.2 | | | 40.0 | | | | | | 25.9 | 20.9 | 5.6 | 895 |
| | 09-11 | 11.1 | | | 36.9 | | | | | | 28.8 | 23.2 | 6.3 | 900 |
| | 12-14 | 9.4 | | | 38.1 | | | | | | 31.4 | 21.0 | 6.1 | 900 |
| | 15-17 | 8.0 | | | 37.3 | | | | | | 31.9 | 22.8 | 6.3 | 900 |
| | 18-20 | 15.0 | | | 33.6 | | | | | | 27.1 | 24.3 | 5.9 | 898 |
| | 21-23 | 24.6 | | | 32.1 | | | | | | 20.4 | 22.9 | 5.1 | 897 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 16.8 | | | 35.4 | | | | | | 25.6 | 22.1 | 5.6 | 7184 |

SKY COVER

CEC

STAYCIN

STATION NAME

PERIOD

WINH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| OFC | 00-02 | 23.5 | | | 30.4 | | | | | | 17.4 | 23.7 | 4.9 | 929 |
| | 03-05 | 30.4 | | | 27.4 | | | | | | 18.4 | 23.2 | 4.9 | 924 |
| | 06-08 | 17.6 | | | 34.1 | | | | | | 23.9 | 24.4 | 5.6 | 924 |
| | 09-11 | 16.7 | | | 32.6 | | | | | | 25.3 | 25.5 | 5.8 | 930 |
| | 12-14 | 12.4 | | | 34.7 | | | | | | 25.5 | 27.4 | 6.1 | 929 |
| | 15-17 | 13.2 | | | 34.1 | | | | | | 24.6 | 28.1 | 6.0 | 930 |
| | 18-20 | 22.5 | | | 30.5 | | | | | | 21.3 | 25.6 | 5.4 | 928 |
| | 21-23 | 32.1 | | | 25.5 | | | | | | 19.7 | 22.8 | 4.8 | 926 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 21.7 | | | 31.2 | | | | | | 22.0 | 25.2 | 5.4 | 7420 |

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

12886 KENNEDY SPACE CENTER FL

68-70,73-80

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|-------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | ALL | 17.4 | | | 31.2 | | | | | | 22.6 | 28.9 | 5.9 | 7424 |
| FEB | | 22.7 | | | 27.9 | | | | | | 27.8 | 28.6 | 5.6 | 6765 |
| MAR | | 18.1 | | | 32.5 | | | | | | 23.1 | 26.2 | 5.7 | 7419 |
| APR | | 22.8 | | | 37.3 | | | | | | 21.6 | 18.4 | 4.9 | 7192 |
| MAY | | 14.1 | | | 37.9 | | | | | | 26.0 | 22.1 | 5.7 | 7425 |
| JUN | | 9.0 | | | 38.5 | | | | | | 28.7 | 23.9 | 6.1 | 7197 |
| JUL | | 7.0 | | | 36.8 | | | | | | 32.9 | 23.2 | 6.4 | 7436 |
| AUG | | 6.2 | | | 44.9 | | | | | | 29.6 | 19.1 | 5.9 | 7432 |
| SEP | | 4.6 | | | 42.3 | | | | | | 30.5 | 22.6 | 6.3 | 7199 |
| OCT | | 11.5 | | | 40.7 | | | | | | 26.3 | 21.6 | 5.8 | 7430 |
| NOV | | 16.8 | | | 35.4 | | | | | | 25.6 | 22.1 | 5.6 | 7184 |
| DEC | | 21.7 | | | 31.2 | | | | | | 22.0 | 25.2 | 5.4 | 7420 |
| YR | | 14.2 | | | 36.4 | | | | | | 25.8 | 23.5 | 5.8 | 87524 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviation do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and comparisons of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

STATION 15886 KENNEDY SPACE CENTER FL

50-52, 57-80 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 90 | | | | | .1 | .4 | .9 | .2 | | | | | .1 |
| 85 | | | | 1.3 | 3.1 | 13.1 | 22.6 | 15.2 | 5.4 | 1.8 | | | 5.3 |
| 80 | | | 4.1 | 10.0 | 27.4 | 63.8 | 90.9 | 92.1 | 76.4 | 20.0 | 1.6 | | 32.7 |
| 75 | 5.3 | 5.3 | 19.0 | 40.4 | 82.0 | 97.9 | 99.5 | 99.8 | 97.9 | 70.4 | 24.4 | 5.3 | 54.8 |
| 70 | 27.1 | 27.5 | 49.4 | 79.5 | 97.8 | 100.0 | 100.0 | 100.0 | 100.0 | 93.3 | 64.8 | 32.3 | 73.1 |
| 65 | 53.5 | 50.1 | 74.8 | 94.7 | 99.9 | | | | | 99.2 | 85.7 | 60.6 | 85.6 |
| 60 | 72.3 | 71.6 | 90.1 | 99.5 | 100.0 | | | | | 100.0 | 94.0 | 80.0 | 92.5 |
| 55 | 86.2 | 86.4 | 96.9 | 100.0 | | | | | | | 97.4 | 91.9 | 96.7 |
| 50 | 93.9 | 94.8 | 99.0 | | | | | | | | 99.8 | 97.0 | 98.7 |
| 45 | 97.6 | 99.2 | 99.9 | | | | | | | | 100.0 | 99.5 | 99.7 |
| 40 | 99.4 | 100.0 | | | | | | | | | | 99.9 | 99.9 |
| 35 | 99.8 | | 100.0 | | | | | | | | | 100.0 | 100.0 |
| 30 | 100.0 | | | | | | | | | | | | 100.0 |
| 25 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 67.8 | 67.8 | 73.6 | 78.2 | 82.4 | 85.8 | 87.7 | 87.4 | 85.8 | 81.2 | 75.3 | 70.3 | 78.6 |
| S.D. | 12.35 | 7.73 | 6.82 | 4.99 | 3.69 | 3.25 | 2.64 | 2.29 | 2.56 | 4.02 | 5.92 | 7.05 | 8.75 |
| TOTAL OBS | 4 | 735 | 876 | 779 | 876 | 790 | 806 | 834 | 810 | 830 | 510 | 779 | 9579 |

NATIONAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

STATION
1-500

STATION NAME
KENNEDY SPACE CENTER FL

50-52, 57-80

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 80 | | | | | | 1.1 | .9 | 1.1 | 1.5 | | | | 1.1 |
| 75 | | | | | 1.9 | 15.8 | 28.8 | 28.1 | 32.0 | 11.4 | | | 10.0 |
| 70 | | | | | 38.2 | 77.7 | 91.3 | 93.2 | 89.3 | 52.9 | 10.4 | 1.3 | 39.5 |
| 65 | 6.3 | 7.1 | 19.6 | 42.6 | 75.4 | 98.1 | 99.6 | 100.0 | 99.1 | 77.7 | 34.9 | 13.4 | 56.8 |
| 60 | 23.3 | 22.6 | 43.4 | 67.7 | 90.4 | 99.7 | 100.0 | | 99.9 | 89.7 | 58.9 | 33.6 | 69.5 |
| 55 | 46.1 | 39.5 | 61.3 | 84.6 | 97.8 | 100.0 | | | 100.0 | 96.8 | 75.2 | 50.2 | 79.7 |
| 50 | 62.2 | 56.3 | 79.2 | 92.7 | 99.8 | | | | | 98.7 | 85.2 | 63.8 | 86.6 |
| 45 | 75.2 | 72.4 | 91.1 | 98.2 | 99.9 | | | | | 99.6 | 93.0 | 78.6 | 92.5 |
| 40 | 85.1 | 87.2 | 96.7 | 99.6 | 100.0 | | | | | 100.0 | 98.3 | 88.6 | 96.4 |
| 35 | 94.5 | 95.9 | 99.0 | 99.9 | | | | | | | 99.8 | 95.6 | 98.8 |
| 30 | 96.6 | 97.7 | 99.4 | 100.0 | | | | | | | 99.9 | 97.8 | 99.3 |
| 25 | 99.0 | 99.2 | 99.9 | | | | | | | | 100.0 | 99.4 | 99.8 |
| 20 | 100.0 | 100.0 | 100.0 | | | | | | | | | 100.0 | 100.0 |
| 15 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 51.6 | 50.9 | 56.6 | 61.8 | 67.1 | 71.5 | 73.0 | 73.0 | 73.1 | 68.2 | 59.7 | 53.2 | 63.3 |
| S.D. | 9.654 | 9.511 | 8.361 | 7.078 | 5.076 | 3.099 | 2.720 | 2.452 | 3.008 | 6.387 | 8.654 | 10.073 | 10.837 |
| TOTAL OBS | 804 | 735 | 806 | 779 | 806 | 780 | 806 | 834 | 810 | 830 | 810 | 779 | 9579 |

USAFETAC FORM 0215 OL 11 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DIGITAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

STATION 1-886 KENNEDY SPACE CENTER FL

50-52, 57-80 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 65 | | | | | .1 | 1.3 | 3.8 | 1.6 | | | | | .6 |
| 66 | | | .1 | 1.4 | 7.9 | 41.3 | 68.4 | 69.4 | 56.9 | 13.0 | | | 21.9 |
| 67 | | .5 | .5 | 6.2 | 23.1 | 62.5 | 95.5 | 99.4 | 98.1 | 63.4 | 12.6 | 2.4 | 47.6 |
| 68 | 12.4 | 13.2 | 32.4 | 59.9 | 91.2 | 100.0 | 100.0 | 100.0 | 100.0 | 88.8 | 48.9 | 18.6 | 64.4 |
| 69 | 38.4 | 32.7 | 57.6 | 85.1 | 99.1 | | | | | 96.3 | 73.1 | 44.0 | 77.6 |
| 70 | 58.6 | 54.4 | 80.1 | 95.9 | 100.0 | | | | | 99.2 | 87.3 | 63.4 | 86.9 |
| 71 | 76.2 | 73.6 | 91.3 | 99.5 | | | | | | 100.0 | 94.7 | 81.5 | 93.3 |
| 72 | 87.4 | 89.3 | 97.1 | 100.0 | | | | | | | 98.4 | 92.0 | 97.1 |
| 73 | 95.1 | 97.4 | 99.6 | | | | | | | | 99.9 | 97.6 | 99.2 |
| 74 | 98.4 | 99.9 | 99.9 | | | | | | | | 100.0 | 99.7 | 99.8 |
| 75 | 99.8 | 100.0 | 100.0 | | | | | | | | | 100.0 | 100.0 |
| 76 | 100.0 | | | | | | | | | | | | 100.0 |
| 77 | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | |
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| 98 | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | |
| MEAN | 61.4 | 61.1 | 65.3 | 70.3 | 75.0 | 78.9 | 80.6 | 80.5 | 79.7 | 74.9 | 67.7 | 62.0 | 71.3 |
| S.D. | 3.77 | 3.39 | 3.70 | 5.24 | 3.66 | 2.62 | 2.27 | 1.88 | 2.15 | 4.62 | 6.76 | 8.02 | 5.45 |
| TOTAL OBS | 774 | 735 | 826 | 779 | 406 | 780 | 806 | 834 | 810 | 830 | 810 | 779 | 9479 |

USAFETAC FORM 0-21.5 (O-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 AIR FORCE CLIMATOLOGY BRANCH
 WASHINGTON
 AIR WEATHER SERVICE / MAC

USE WITH CAUTION
 SEE FIRST PAGE

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL
 STATION NAME

41-52, 57-81

YEARS

IN DEGREES FAHRENHEIT

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| 51 | 79 | 81 | 82 | 83 | 82 | 91 | 92 | 93 | 94 | 97 | 92 | 76 | 82 |
| 52 | 81 | 80 | 86 | 87 | 88 | 92 | 92 | 93 | 89 | 86 | 95 | 70 | 83 |
| 53 | 80 | 85 | 84 | 85 | 87 | 94 | 93 | 84 | 85 | 81 | 85 | 72 | 84 |
| 54 | 77 | 82 | 83 | 85 | 85 | 96 | 91 | 82 | 84 | 89 | 83 | 77 | 86 |
| 55 | 81 | 84 | 85 | 87 | 87 | 90 | 91 | 87 | 91 | 91 | 84 | 77 | 81 |
| 56 | 82 | 82 | 83 | 86 | 87 | 89 | 90 | 91 | 91 | 86 | 82 | 75 | 81 |
| 57 | 81 | 81 | 87 | 89 | 91 | 92 | 93 | 94 | 92 | 87 | 82 | 80 | 83 |
| 58 | 81 | 83 | 85 | 83 | 84 | 91 | 92 | 92 | 89 | 89 | 81 | 78 | 84 |
| 59 | 81 | 80 | 84 | 85 | 89 | 94 | 91 | 92 | 92 | 80 | 79 | 79 | 84 |
| 60 | 78 | 78 | 85 | 85 | 87 | 92 | 94 | 91 | 91 | 87 | 81 | 74 | 84 |
| 61 | 81 | 86 | 88 | 89 | 89 | 89 | 88 | 91 | 91 | 91 | 86 | 82 | 82 |
| 62 | 73 | 77 | 79 | 82 | 89 | 90 | 93 | 91 | 89 | 88 | 82 | 77 | 82 |
| 63 | 84 | 82 | 88 | 92 | 93 | 89 | 91 | 88 | 88 | 86 | 83 | 84 | 83 |
| 64 | 79 | 73 | 81 | 94 | 90 | 89 | 91 | 90 | 90 | 87 | 83 | 79 | 84 |
| 65 | 72 | 79 | 85 | 85 | 86 | 90 | 96 | 92 | 91 | 87 | 81 | 77 | 86 |
| 66 | 77 | 77 | 83 | 87 | 87 | 93 | 90 | 92 | 91 | 86 | 82 | 81 | 83 |
| 67 | 81 | 80 | 87 | 94 | 93 | 94 | 92 | 91 | 88 | 85 | 84 | 82 | 84 |
| 68 | 82 | 81 | 84 | 87 | 87 | 93 | 89 | 97 | 90 | 86 | 85 | 83 | 87 |
| 69 | 82 | 83 | 88 | 90 | 95 | 91 | 93 | 91 | 90 | 87 | 85 | 79 | 85 |
| 70 | 81 | 84 | 89 | 85 | 88 | 90 | 93 | 91 | 91 | 88 | 85 | 73 | 82 |
| 71 | 81 | 87 | 89 | 90 | 90 | 92 | 92 | 91 | 89 | 88 | 83 | 73 | 82 |
| 72 | 71 | 84 | 86 | 89 | 87 | 87 | 94 | 91 | 92 | 87 | 83 | 75 | 84 |
| 73 | 81 | 78 | 87 | 85 | 87 | 94 | 93 | 91 | 92 | 82 | 82 | 82 | 84 |
| 74 | 73 | 77 | 87 | 88 | 91 | 93 | 95 | 95 | 93 | 91 | 84 | 85 | 86 |
| 75 | 72 | 81 | 81 | 80 | 90 | 92 | 94 | 91 | 91 | 91 | 85 | 82 | 84 |
| 76 | 77 | 81 | 83 | 87 | 93 | 94 | 96 | 96 | 92 | 91 | 87 | | |
| 77 | | | | | | | | | | | | | |
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| 99 | | | | | | | | | | | | | |
| 00 | | | | | | | | | | | | | |
| MEAN | 82.2 | 82.8 | 83.1 | 83.7 | 83.2 | 84.3 | 84.2 | 84.6 | 84.0 | 83.2 | 82.1 | 79.6 | 82.7 |
| S D | 2.04 | 2.15 | 2.15 | 2.17 | 2.07 | 2.43 | 2.16 | 1.91 | 1.96 | 1.70 | 1.69 | 2.59 | 2.42 |
| TOTAL OBS | 654 | 735 | 679 | 779 | 670 | 740 | 828 | 834 | 811 | 831 | 710 | 779 | 9579 |

NOTES: (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 088 5 (OLA)

(AT LEAST ONE DAY LESS THAN 21 DAYS)

U.S. AIR FORCE
 1. CLIMATE DIVISION
 2. AFMAG
 3. WEATHER SERVICE/AFAC

USE WITH CAUTION
 SEE FIRST PAGE

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1. STATION KENNEDY SPACE CENTER FL

51-52, 57-8

YEARS

WORLD DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---------------|
| 51 | 38 | 36 | 42 | 48 | 52 | 65 | 71 | 65 | 7 | 65 | 31 | 7 | 24 |
| 52 | 39 | 42 | 48 | 47 | 55 | 69 | 71 | 71 | 7 | 65 | 43 | 7 | 27 |
| 53 | 39 | 47 | 43 | 55 | 69 | 69 | 71 | 67 | 7 | 65 | 40 | 7 | 27 |
| 54 | 39 | 30 | 41 | 56 | 55 | 67 | 69 | 71 | 71 | 65 | 31 | 4 | 27 |
| 55 | 39 | 53 | 42 | 52 | 55 | 67 | 69 | 7 | 65 | 65 | 39 | 7 | 22 |
| 56 | 33 | 39 | 31 | 48 | 54 | 61 | 71 | 64 | 67 | 55 | 54 | 7 | 23 |
| 57 | 34 | 77 | 38 | 46 | 57 | 58 | 71 | 5 | 5 | 51 | 54 | 7 | 22 |
| 58 | 33 | 45 | 34 | 47 | 59 | 63 | 67 | 7 | 67 | 57 | 44 | 7 | 25 |
| 59 | 37 | 39 | 39 | 49 | 54 | 65 | 69 | 59 | 7 | 46 | 43 | 7 | 22 |
| 60 | 39 | 35 | 43 | 44 | 56 | 56 | 69 | 65 | 67 | 54 | 49 | 45 | 29 |
| 61 | 39 | 38 | 43 | 43 | 47 | 57 | 67 | 66 | 67 | 57 | 45 | 4 | 28 |
| 62 | 39 | 22 | 37 | 44 | 62 | 69 | 5 | 65 | 67 | 51 | 43 | 31 | 25 |
| 63 | 39 | 23 | 44 | 47 | 54 | 67 | 58 | 5 | 65 | 50 | 47 | 42 | 23 |
| 64 | 31 | 36 | 39 | 51 | 51 | 66 | 66 | 63 | 64 | 48 | 38 | 25 | 25 |
| 65 | 39 | 35 | 35 | 54 | 53 | 59 | 7 | 65 | 71 | 65 | 35 | 71 | 31 |
| 66 | 39 | 31 | 44 | 51 | 51 | 61 | 62 | 65 | 65 | 61 | 34 | 22 | 29 |
| 67 | 39 | 31 | 34 | 34 | 44 | 61 | 56 | 68 | 66 | 65 | 43 | 53 | 29 |
| 68 | 44 | 34 | 47 | 42 | 53 | 60 | 69 | 67 | 54 | 50 | 45 | 71 | 21 |
| 69 | 39 | 33 | 43 | 5 | 53 | 65 | 63 | 55 | 65 | 44 | 52 | 22 | 21 |
| 70 | 39 | 31 | 44 | 47 | 55 | 65 | 56 | 67 | 65 | 50 | 43 | 76 | 31 |
| 71 | 39 | 43 | 43 | 37 | 62 | 67 | 6 | 67 | 65 | 51 | 37 | 34 | 34 |
| 72 | 39 | 41 | 43 | 44 | 56 | 65 | 69 | 67 | 64 | 51 | 41 | 73 | 27 |
| 73 | 39 | 27 | 32 | 42 | 52 | 68 | 66 | 71 | 65 | 40 | 40 | 31 | 26 |
| 74 | 39 | 25 | 38 | 52 | 63 | 69 | 72 | 66 | 69 | 59 | 56 | 49 | 25 |
| 75 | 39 | 25 | 47 | 55 | 54 | 66 | 71 | 7 | 73 | 6 | 42 | 42 | 22 |
| 76 | 39 | 35 | 34 | 52 | 61 | 62 | 7 | 7 | 65 | 47 | 35 | | |
| 77 | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | |
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| 97 | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | |
| 00 | | | | | | | | | | | | | |
| MEAN | 73.3 | 70.3 | 77.8 | 46.7 | 55.3 | 64.8 | 69.3 | 65.8 | 67.2 | 54.1 | 42.6 | 35.3 | 55.1 |
| S.D. | 5.733 | 5.373 | 5.631 | 5.314 | 4.466 | 3.319 | 2.435 | 1.445 | 1.117 | 5.273 | 6.26 | 7.35 | 5.2 |
| TOTAL OBS. | 604 | 735 | 635 | 779 | 876 | 745 | 670 | 334 | 61 | 67 | 11 | 770 | 4578 |

NOTES * (BASE ON LESS THAN FULL MONTH)

USAF ETAC FORM 0-88 5 (OLA)

W (AT LEAST ONE DAY LESS THAN 24 HRS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1086 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70,73-8
YEARS

JAN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|-------|-----|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 74/ 73 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 73/ 71 | | .6 | 1.0 | .1 | | | | | | | | | | | | | | 16 | 16 | | | | | | |
| 72/ 69 | .2 | 2.5 | 1.7 | .3 | | | | | | | | | | | | | | 44 | 44 | 14 | 13 | | | | |
| 71/ 67 | .9 | 5.9 | 1.4 | .3 | .1 | | | | | | | | | | | | | 40 | 40 | 62 | 37 | | | | |
| 70/ 65 | .8 | 5.9 | 1.2 | 1.4 | .3 | | | | | | | | | | | | | 89 | 89 | 72 | 70 | | | | |
| 69/ 63 | .9 | 5.8 | 1.6 | .9 | .4 | | | | | | | | | | | | | 89 | 89 | 75 | 73 | | | | |
| 68/ 61 | .8 | 4.2 | .9 | .2 | .3 | | | | | | | | | | | | | 59 | 59 | 80 | 72 | | | | |
| 67/ 59 | 1.1 | 6.0 | 1.4 | .2 | .2 | | | | | | | | | | | | | 61 | 61 | 80 | 70 | | | | |
| 66/ 57 | .9 | 4.5 | 1.4 | .9 | .3 | | | | | | | | | | | | | 73 | 73 | 83 | 74 | | | | |
| 65/ 55 | .5 | 3.9 | 2.0 | .1 | .1 | | | | | | | | | | | | | 62 | 62 | 82 | 70 | | | | |
| 64/ 53 | .5 | 4.4 | 1.6 | .4 | .1 | | | | | | | | | | | | | 66 | 66 | 84 | 80 | | | | |
| 63/ 51 | .1 | 2.0 | .3 | .9 | .1 | | | | | | | | | | | | | 27 | 27 | 63 | 67 | | | | |
| 62/ 49 | .2 | 1.9 | .9 | .2 | | .3 | | | | | | | | | | | | 22 | 22 | 38 | 30 | | | | |
| 61/ 47 | .1 | 1.2 | 1.3 | .6 | .2 | | | | | | | | | | | | | 23 | 23 | 29 | 40 | | | | |
| 60/ 45 | | 1.9 | 1.3 | .1 | | | | | | | | | | | | | | 71 | 31 | 19 | 17 | | | | |
| 59/ 43 | | 2.8 | 1.0 | .9 | .1 | | | | | | | | | | | | | 43 | 43 | 42 | 22 | | | | |
| 58/ 41 | .3 | 1.4 | .6 | .5 | .2 | | | | | | | | | | | | | 29 | 29 | 41 | 40 | | | | |
| 57/ 39 | .2 | .5 | 1.1 | .6 | | | | | | | | | | | | | | 22 | 22 | 27 | 28 | | | | |
| 56/ 37 | .2 | 1.7 | .4 | .3 | | | | | | | | | | | | | | 25 | 25 | 21 | 27 | | | | |
| 55/ 35 | .1 | .5 | .2 | .1 | .1 | | | | | | | | | | | | | 10 | 17 | 20 | 20 | | | | |
| 54/ 33 | .1 | .5 | .1 | | | | | | | | | | | | | | | 7 | 7 | 15 | 14 | | | | |
| 53/ 31 | .1 | .3 | .2 | | | | | | | | | | | | | | | 6 | 6 | 11 | 20 | | | | |
| 52/ 29 | .4 | | .1 | | | | | | | | | | | | | | | 5 | 5 | 10 | 10 | | | | |
| 51/ 27 | | | | | | | | | | | | | | | | | | | | 11 | | | | | |
| 50/ 25 | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| 49/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 3.4 | 58.7 | 21.6 | 9.3 | 2.4 | .2 | | | | | | | | | | | | 930 | 930 | 930 | 93 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | | | |
| Rel. Hum. | 7063304 | | 80372 | | 86.4 | | 11.243 | | 930 | | Σ 0 F | | Σ 32 F | | Σ 67 F | | Σ 73 F | | Σ 80 F | | Σ 93 F | | | | |
| Dry Bulb | 3055170 | | 52520 | | 56.5 | | 9.799 | | 930 | | | | 1.1 | | 14.1 | | .1 | | | | | | | | |
| Wet Bulb | 2835929 | | 50491 | | 54.3 | | 10.697 | | 930 | | | | 2.3 | | 7.8 | | | | | | | | | | |
| Dew Point | 2672375 | | 48703 | | 52.4 | | 11.458 | | 930 | | | | 7.3 | | 5.0 | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12/86 STATION KENNEDY SPACE CENTER FL 69-70, 73-80 YEARS JAN MONTH
PAGE 1 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 74/ 73 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 72/ 71 | | .3 | .6 | | | | | | | | | | | | | | | 9 | 9 | | | | | |
| 70/ 69 | | 1.5 | 1.2 | .1 | .2 | | | | | | | | | | | | | 28 | 28 | 4 | | | | |
| 68/ 67 | .8 | 4.9 | .6 | | | | | | | | | | | | | | | 59 | 59 | 45 | 26 | | | |
| 66/ 65 | 1.1 | 5.6 | .6 | .6 | .2 | | | | | | | | | | | | | 76 | 76 | 68 | 71 | | | |
| 64/ 63 | 1.9 | 4.7 | 1.4 | 1.3 | .1 | | | | | | | | | | | | | 88 | 88 | 79 | 77 | | | |
| 62/ 61 | 1.2 | 4.8 | 1.7 | .4 | .1 | | | | | | | | | | | | | 70 | 70 | 68 | 6 | | | |
| 60/ 59 | 1.4 | 4.6 | 1.7 | .3 | .1 | | | | | | | | | | | | | 69 | 69 | 74 | 5 | | | |
| 58/ 57 | 1.5 | 3.7 | 1.6 | .4 | .1 | | | | | | | | | | | | | 68 | 68 | 75 | 79 | | | |
| 56/ 55 | 2.4 | 4.7 | 2.2 | .3 | .1 | | | | | | | | | | | | | 90 | 90 | 67 | 77 | | | |
| 54/ 53 | .3 | 3.9 | .9 | | .7 | | | | | | | | | | | | | 53 | 53 | 77 | 61 | | | |
| 52/ 51 | 1.1 | 3.5 | .8 | .2 | | | | | | | | | | | | | | 51 | 51 | 60 | 57 | | | |
| 50/ 49 | .3 | 2.3 | .4 | .3 | .1 | | | | | | | | | | | | | 32 | 32 | 41 | 51 | | | |
| 48/ 47 | .1 | 2.0 | .3 | .8 | | | | | | | | | | | | | | 30 | 33 | 21 | 36 | | | |
| 46/ 45 | .1 | 2.3 | 1.9 | .1 | | | | | | | | | | | | | | 41 | 41 | 70 | 34 | | | |
| 44/ 43 | .2 | 2.3 | 1.1 | .6 | | | | | | | | | | | | | | 39 | 39 | 41 | 37 | | | |
| 42/ 41 | .2 | 1.5 | 1.4 | .1 | | | | | | | | | | | | | | 30 | 30 | 32 | 27 | | | |
| 40/ 39 | .1 | 1.4 | 1.3 | .4 | .1 | | | | | | | | | | | | | 31 | 31 | 35 | 30 | | | |
| 38/ 37 | .1 | .6 | .9 | .2 | | | | | | | | | | | | | | 17 | 17 | 24 | 23 | | | |
| 36/ 35 | | 1.3 | .4 | .2 | .1 | | | | | | | | | | | | | 18 | 18 | 21 | 25 | | | |
| 34/ 33 | .3 | .8 | .4 | .1 | .2 | | | | | | | | | | | | | 15 | 15 | 25 | 30 | | | |
| 32/ 31 | | .5 | .2 | | | | | | | | | | | | | | | 7 | 7 | 8 | 20 | | | |
| 30/ 29 | .3 | | .2 | | | | | | | | | | | | | | | 4 | 4 | 12 | 17 | | | |
| 28/ 27 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 7 | 14 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 5 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | Σ X | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1-85 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-72, 73-8

YEARS

JAH

MONTH

PAGE 2

730-7541

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

Y E A R S

MONTH

612-620
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| <u>17-36</u> | <u>KENNEDY SPACE CENTER FL</u> |
|--------------|--------------------------------|
| STATION | STATION NAME |

67-75, 73-8

YEARS

44.
MONTH

PAGE 1

7-10
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JA
MONTH

PAGE 2 192-1100
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A102 401

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(1)
MAY 81

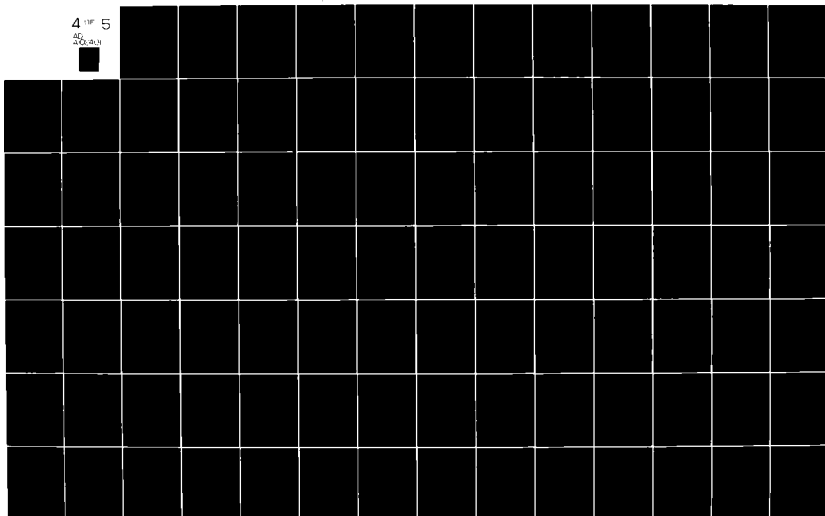
UNCLASSIFIED UAFETAC/DS-81/062

SRIE-AD-E850 093

NL

4 1/2 5

AD-A102 401



PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 62/ 91 | | | | .1 | | .2 | .3 | .1 | | | | | | | | | | 11 | 11 | | | | | |
| 63/ 79 | | | | .4 | 1.1 | 1.1 | .4 | | | | | | | | | | | 30 | 30 | | | | | |
| 71/ 77 | | | .1 | 1.1 | 6.5 | 1.4 | | | | | | | | | | | | 4 | 4 | | | | | |
| 76/ 70 | | | .2 | 4.1 | 2.4 | 1.3 | .3 | | | | | | | | | | | 1 | 1 | | | | | |
| 74/ 72 | | .2 | 1.3 | 1.4 | 2.5 | 2.8 | .5 | .2 | | | | | | | | | | 3 | 3 | 7 | | | | |
| 71/ 71 | | .4 | 1.9 | 1.3 | 3.3 | 2.3 | 1.1 | | | | | | | | | | | 9 | 9 | 49 | | | | |
| 77/ 69 | | .4 | 1.1 | 1.8 | 1.5 | 2.2 | .5 | | | | | | | | | | | 71 | 71 | 141 | | | | |
| 61/ 67 | .1 | .9 | 1.5 | .5 | 1.3 | 2.4 | .3 | .1 | | .1 | | | | | | | | 67 | 67 | 69 | | | | |
| 66/ 65 | .1 | 1.0 | .2 | 1.7 | .8 | 1.5 | 1.1 | .4 | .2 | | | | | | | | | 65 | 65 | 71 | | | | |
| 64/ 63 | | .5 | .3 | .9 | .9 | 1.1 | .2 | .1 | .3 | | | | | | | | | 44 | 44 | 98 | | | | |
| 61/ 61 | .2 | .6 | 1.2 | 1.1 | 1.1 | .5 | .3 | .1 | | | | | | | | | | 46 | 46 | 50 | | | | |
| 61/ 59 | .1 | 1.4 | 1.3 | 1.5 | .9 | .4 | .2 | .4 | .2 | | | | | | | | | 55 | 55 | 75 | | | | |
| 56/ 57 | .2 | .4 | 1.0 | .3 | 1.1 | .3 | .3 | .2 | .1 | | | | | | | | | 41 | 41 | 64 | | | | |
| 56/ 55 | | .6 | .2 | 1.1 | .6 | .2 | .3 | .1 | .1 | | | | | | | | | 30 | 30 | 44 | | | | |
| 54/ 53 | | .1 | | 1.1 | .5 | .8 | .2 | .1 | | | | | | | | | | 28 | 28 | 54 | | | | |
| 52/ 51 | | .3 | | 1.2 | .5 | .4 | .5 | .3 | | | | | | | | | | 30 | 30 | 27 | | | | |
| 51/ 49 | | | | 1.3 | .9 | .2 | .3 | .4 | | | | | | | | | | 26 | 26 | 30 | | | | |
| 46/ 47 | | .2 | .1 | .6 | .2 | .2 | .2 | .1 | | | | | | | | | | 16 | 16 | 25 | | | | |
| 46/ 45 | | .1 | .2 | | .3 | .4 | | | | | | | | | | | | 9 | 9 | 12 | | | | |
| 44/ 43 | | | .3 | | | | | | | | | | | | | | | 5 | 5 | 32 | | | | |
| 42/ 41 | | | .1 | .2 | .1 | .2 | | | | | | | | | | | | 6 | 6 | 14 | | | | |
| 41/ 39 | | | .1 | .1 | .1 | .2 | | | | | | | | | | | | 5 | 5 | 14 | | | | |
| 37/ 37 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 16 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 34/ 33 | | | | .3 | | | | | | | | | | | | | | 2 | 2 | 3 | | | | |
| 36/ 31 | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 31/ 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 27/ 27 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 11 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≥ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

42.

PAGE - 12' 6-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17-86 KENNEDY SPACE CENTER FL

69-70, 73-8

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

15-17-1

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|---|--|---|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 74 / 82 | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | |
| 73 / 81 | | | | | | | | | | | | | | | | | | 5 | 5 | | | | | | | |
| 72 / 79 | | | | .1 | .3 | .3 | .3 | .2 | | | | | | | | | | 12 | 12 | | | | | | | |
| 71 / 77 | | | | 1.4 | 2.4 | .6 | .2 | | | | | | | | | | | 43 | 43 | | | | | | | |
| 70 / 75 | | | .3 | 4.4 | 2.7 | .8 | .8 | | | | | | | | | | | 76 | 76 | | | | | | | |
| 74 / 73 | | .1 | 1.9 | 3.5 | 1.4 | 1.5 | .8 | .2 | .1 | | | | | | | | | 99 | 99 | | | | | | | |
| 71 / 71 | | .5 | 3.7 | 1.7 | 2.2 | .8 | .7 | .1 | | | | | | | | | | 79 | 79 | 41 | 2 | | | | | |
| 70 / 69 | | 1.0 | 3.2 | 2.3 | 2.2 | 1.0 | .5 | | | | | | | | | | | 63 | 63 | 164 | | | | | | |
| 69 / 67 | | .8 | 2.1 | 1.2 | 1.8 | 1.2 | .2 | .1 | .1 | .1 | .1 | | | | | | | 69 | 69 | 58 | 74 | | | | | |
| 68 / 65 | .1 | 1.3 | 2.0 | 1.9 | 1.6 | 1.0 | .3 | .1 | .1 | .2 | | | | | | | | 81 | 81 | 73 | | | | | | |
| 64 / 63 | .1 | .6 | 1.7 | 1.3 | 1.4 | 1.5 | .5 | .1 | .1 | | | | | | | | | 62 | 62 | 87 | 87 | | | | | |
| 62 / 61 | | 1.4 | 1.1 | .5 | 1.1 | .4 | .2 | .3 | .2 | | | | | | | | | 48 | 48 | 72 | 67 | | | | | |
| 61 / 59 | .7 | .6 | 1.2 | 1.7 | .9 | .3 | .4 | .2 | | | | | | | | | | 52 | 52 | 61 | 81 | | | | | |
| 60 / 57 | | 1.5 | .8 | 1.3 | 1.1 | .5 | .4 | .1 | | | | | | | | | | 49 | 49 | 49 | 49 | | | | | |
| 58 / 55 | | .5 | .8 | .6 | 1.1 | .6 | .3 | .6 | .1 | | | | | | | | | 43 | 43 | 56 | 60 | | | | | |
| 54 / 52 | | .2 | .6 | 1.2 | .5 | .3 | .2 | .2 | | | | | | | | | | 36 | 36 | 46 | 63 | | | | | |
| 52 / 51 | | | .4 | 1.1 | .3 | .5 | .1 | | .1 | | | | | | | | | 27 | 27 | 35 | 35 | | | | | |
| 50 / 49 | .1 | .3 | .1 | 1.2 | .4 | .3 | .2 | .1 | | | | | | | | | | 29 | 29 | 41 | 38 | | | | | |
| 48 / 47 | .1 | .3 | | .4 | .5 | | | | | | | | | | | | | 13 | 13 | 36 | 41 | | | | | |
| 46 / 45 | | | .1 | .1 | | | .1 | .1 | | | | | | | | | | 5 | 5 | 33 | 33 | | | | | |
| 44 / 43 | | | .3 | .3 | | .2 | | | | | | | | | | | | 7 | 7 | 23 | 27 | | | | | |
| 42 / 41 | | | .3 | | | .1 | .1 | | | | | | | | | | | 5 | 5 | 16 | 18 | | | | | |
| 40 / 39 | | | .1 | | | .1 | | | | | | | | | | | | 2 | 2 | 14 | 24 | | | | | |
| 38 / 37 | | | | .2 | .2 | | | | | | | | | | | | | 3 | 3 | 8 | 22 | | | | | |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | 2 | 17 | | | | | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | 7 | 15 | | | | | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | Σ X | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

| <u>1-86</u> STATION | <u>KENNEDY SPACE CENTER FL</u> STATION NAME |
|------------------------|--|
| | |

69-70, 73-81.

YEARS

JA.
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-28 KENNEDY SPACE CENTER FL

69-70, 73-8

YEARS

JAN

MONTH

PAGE 1

18 0-0000

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-----|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|----------|-----------|-----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 75/ 77 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | |
| 75/ 75 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | | | | | |
| 74/ 73 | | .4 | 1.1 | .4 | .2 | | | | | | | | | | | | | 19 | 19 | | | | | | |
| 72/ 71 | | 2.5 | 3.2 | .4 | | | | | | | | | | | | | | 57 | 57 | | | | | | |
| 70/ 69 | .2 | 4.5 | 3.5 | .2 | .2 | | | | | | | | | | | | | 81 | 81 | 62 | 25 | | | | |
| 68/ 67 | .3 | 4.7 | 2.9 | 1.2 | .3 | .1 | | | | | | | | | | | | 89 | 89 | 85 | 78 | | | | |
| 66/ 65 | .5 | 4.3 | 2.2 | 1.7 | .1 | .1 | | | | | | | | | | | | 33 | 33 | 64 | 69 | | | | |
| 64/ 63 | .1 | 5.2 | 2.6 | 1.2 | .8 | | | | | | | | | | | | | 91 | 91 | 72 | 75 | | | | |
| 62/ 61 | .4 | 3.7 | 1.4 | 1.3 | .5 | .1 | | | | | | | | | | | | 53 | 63 | 66 | 70 | | | | |
| 60/ 59 | .1 | 3.5 | 1.6 | 1.1 | 1.7 | .1 | .1 | | | | | | | | | | | 70 | 70 | 65 | 73 | | | | |
| 58/ 57 | | 3.3 | 2.7 | .3 | .8 | .1 | | | | | | | | | | | | 67 | 67 | 78 | 77 | | | | |
| 56/ 55 | | 3.4 | 1.5 | .3 | .3 | .4 | .2 | | | | | | | | | | | 67 | 67 | 79 | 70 | | | | |
| 54/ 53 | | 1.6 | 1.4 | 1.0 | .4 | .4 | | | | | | | | | | | | 45 | 45 | 58 | 58 | | | | |
| 52/ 51 | | 1.1 | .8 | .6 | .8 | .3 | .1 | | | | | | | | | | | 34 | 34 | 37 | 43 | | | | |
| 50/ 49 | | 1.3 | 1.0 | .3 | .3 | .2 | .2 | | | | | | | | | | | 36 | 36 | 79 | 43 | | | | |
| 48/ 47 | | 1.6 | 1.0 | 1.0 | .4 | .2 | .1 | | | | | | | | | | | 40 | 40 | 33 | 34 | | | | |
| 46/ 45 | | .5 | 1.6 | .9 | .3 | | | | | | | | | | | | | 31 | 31 | 43 | 26 | | | | |
| 44/ 43 | | .5 | .3 | 1.0 | .4 | | | | | | | | | | | | | 21 | 21 | 33 | 40 | | | | |
| 42/ 41 | | .8 | .1 | .2 | | | | | | | | | | | | | | 10 | 10 | 33 | 23 | | | | |
| 40/ 39 | | .2 | .5 | | .3 | | | | | | | | | | | | | 10 | 10 | 24 | 22 | | | | |
| 38/ 37 | | .1 | .2 | .1 | | | | | | | | | | | | | | 4 | 4 | 18 | 25 | | | | |
| 36/ 35 | | | .4 | | | | | | | | | | | | | | | 4 | 4 | 9 | 28 | | | | |
| 34/ 33 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 3 | 17 | | | | |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 20 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 17 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 10 | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | 1.743 | 0.030 | 14.3 | 7.6 | 2.5 | .3 | | | | | | | | | | | | 930 | 930 | 930 | 930 | | | | |
| Element (X) | Σ x' | | Σ x | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | |
| Rel. Hum. | 6200260 | | 74884 | | 80.5 | | 13.550 | | 930 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 93 | | | | | | | | |
| Dry Bulb | 3393705 | | 55579 | | 59.8 | | 8.814 | | 930 | | | .1 | 24.9 | 2.2 | | | 93 | | | | | | | | |
| Wet Bulb | 3046778 | | 52490 | | 56.4 | | 9.520 | | 930 | | | 1.2 | 14.3 | | | | 93 | | | | | | | | |
| Dew Point | 2787603 | | 49755 | | 53.5 | | 11.633 | | 930 | | | 6.5 | 10.3 | | | | 93 | | | | | | | | |

2

PSYCHROMETRIC SUMMARY

—Ais.

STATION

STATION NAME

YEARS

MONTH

PAGE 1

21 0-2300
HOURS (L.S.T.)

USAFETAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 11-86 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-8"

YEARS

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MONTH

PAGE 1

ALL

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 4/ 93 | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | |
| 5/ 91 | | | | | | | | | | | | | | | | | | 16 | 16 | | | | | | | |
| 6/ 79 | | | | | .1 | .2 | .2 | .1 | | | | | | | | | | 45 | 45 | | | | | | | |
| 7/ 77 | | | .7 | .4 | 1.2 | .3 | .0 | | | | | | | | | | | 148 | 148 | | | | | | | |
| 8/ 75 | | | | .2 | 1.4 | .8 | .3 | .1 | | | | | | | | | | 279 | 279 | 2 | | | | | | |
| 9/ 73 | | .1 | 1.7 | 1.7 | .8 | .6 | .2 | .1 | .0 | | | | | | | | | 262 | 262 | 14 | 2 | | | | | |
| 10/ 71 | | 1.3 | 1.9 | .7 | .8 | .5 | .1 | | | | | | | | | | | 372 | 372 | 135 | 14 | | | | | |
| 11/ 69 | .3 | 2.2 | 2.1 | .9 | .7 | .5 | .2 | | | | | | | | | | | 498 | 498 | 450 | 165 | | | | | |
| 12/ 67 | .5 | 3.5 | 1.7 | .7 | .6 | .6 | .1 | | .0 | .3 | .0 | | | | | | | 579 | 579 | 540 | 405 | | | | | |
| 13/ 65 | .8 | 4.0 | 1.7 | 1.4 | .6 | .4 | .2 | .1 | .7 | .0 | | | | | | | | 630 | 630 | 573 | 517 | | | | | |
| 14/ 63 | .7 | 3.6 | 1.3 | 1.1 | .9 | .4 | .1 | .2 | .1 | | | | | | | | | 586 | 586 | 628 | 590 | | | | | |
| 15/ 61 | .5 | 3.3 | 1.2 | .8 | .9 | .1 | .1 | .1 | .7 | | | | | | | | | 477 | 477 | 572 | 517 | | | | | |
| 16/ 59 | .6 | 3.5 | 1.2 | .9 | .5 | .1 | .1 | .1 | .7 | | | | | | | | | 525 | 525 | 597 | 533 | | | | | |
| 17/ 57 | .8 | 3.1 | 1.4 | .6 | .5 | .2 | .1 | .2 | .7 | | | | | | | | | 506 | 506 | 570 | 530 | | | | | |
| 18/ 55 | .6 | 2.7 | 1.5 | .6 | .9 | .2 | .1 | .1 | | | | | | | | | | 474 | 474 | 479 | 549 | | | | | |
| 19/ 53 | .3 | 2.3 | 1.7 | .7 | .3 | .2 | .1 | | | | | | | | | | | 374 | 374 | 463 | 439 | | | | | |
| 20/ 51 | .2 | 1.3 | .5 | .6 | .4 | .2 | .1 | .1 | | | | | | | | | | 289 | 289 | 367 | 402 | | | | | |
| 21/ 49 | .1 | 1.4 | .6 | .8 | .3 | .2 | .1 | .1 | | | | | | | | | | 261 | 261 | 315 | 358 | | | | | |
| 22/ 47 | .1 | 1.2 | .7 | .7 | .3 | .1 | .1 | | | | | | | | | | | 274 | 224 | 259 | 321 | | | | | |
| 23/ 45 | | 1.3 | 1.7 | .4 | .1 | .1 | | | | | | | | | | | | 218 | 218 | 253 | 269 | | | | | |
| 24/ 43 | | 1.1 | .6 | .6 | .2 | .1 | | | | | | | | | | | | 187 | 187 | 271 | 217 | | | | | |
| 25/ 41 | .1 | .7 | .9 | .4 | .1 | .1 | .7 | | | | | | | | | | | 141 | 141 | 227 | 216 | | | | | |
| 26/ 39 | .1 | .6 | .6 | .2 | .1 | .1 | | | | | | | | | | | | 128 | 128 | 184 | 205 | | | | | |
| 27/ 37 | .1 | .6 | .3 | .3 | | | | | | | | | | | | | | 98 | 98 | 154 | 186 | | | | | |
| 28/ 35 | .1 | .4 | .3 | .4 | | | | | | | | | | | | | | 64 | 64 | 127 | 166 | | | | | |
| 29/ 33 | .1 | .4 | .2 | .1 | | | | | | | | | | | | | | 54 | 54 | 90 | 132 | | | | | |
| 30/ 31 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | 41 | 41 | 86 | 149 | | | | | |
| 31/ 29 | .1 | .1 | .1 | | | | | | | | | | | | | | | 23 | 23 | 42 | 126 | | | | | |
| 32/ 27 | .1 | | .7 | | | | | | | | | | | | | | | 7 | 7 | 23 | 67 | | | | | |
| 33/ 25 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 17 | 49 | | | | | |
| 34/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 39 | | | | | |
| 35/ 21 | | | | | | | | | | | | | | | | | | | | | 44 | | | | | |
| 36/ 19 | | | | | | | | | | | | | | | | | | | | | 37 | | | | | |
| 37/ 17 | | | | | | | | | | | | | | | | | | | | | 37 | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ ² | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | |

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YEARS

JAN
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

0-26-5 (OL A)

USAFETAC

YEARS

PAGE 1

PLCC-0200
HOURS (L. S. T.)

USAFETAC
FORM
JAN 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1.096 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-75, 73-3r

YEARS

456

MONTH

PAGE 1

31.0-15.0
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1988 KENNEDY SPACE CENTER FL 62-70, 73-81
STATION STATION NAME YEARS
PAGE 1 MONTH
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|------|-------|-----|------|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 72 / 71 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | | | | |
| 71 / 69 | | 3.5 | .2 | | .1 | | | | | | | | | | | | | 38 | 38 | 7 | | | |
| 70 / 67 | .6 | 3.9 | .4 | .4 | .2 | | | | | | | | | | | | | 46 | 46 | 47 | | | |
| 69 / 65 | .9 | 2.7 | .9 | .8 | | | | | | | | | | | | | | 43 | 43 | 43 | | | |
| 68 / 63 | .7 | 3.3 | 1.3 | | .2 | .1 | | | | | | | | | | | | 48 | 48 | 42 | 27 | | |
| 67 / 61 | .3 | 5.3 | .4 | | | .1 | | | | | | | | | | | | 48 | 48 | 75 | 34 | | |
| 66 / 59 | .1 | 4.4 | 1.1 | .2 | .6 | | | | | | | | | | | | | 54 | 54 | 59 | 27 | | |
| 65 / 57 | .1 | 4.4 | .7 | .9 | | | | | | | | | | | | | | 52 | 52 | 44 | 26 | | |
| 64 / 55 | .9 | 5.0 | 1.5 | .4 | | | | | | | | | | | | | | 52 | 52 | 43 | 49 | | |
| 63 / 53 | | 5.0 | 1.4 | | | | | | | | | | | | | | | 54 | 54 | 53 | 55 | | |
| 62 / 51 | .1 | 4.1 | 1.4 | | .1 | | | | | | | | | | | | | 49 | 49 | 53 | 53 | | |
| 61 / 49 | .5 | 3.7 | 2.1 | .2 | .7 | | | | | | | | | | | | | 61 | 61 | 54 | 49 | | |
| 60 / 47 | .6 | 5.2 | 1.5 | .4 | .5 | | | | | | | | | | | | | 69 | 69 | 55 | 67 | | |
| 59 / 45 | .2 | 4.3 | 1.4 | .3 | | | | | | | | | | | | | | 58 | 58 | 58 | 61 | | |
| 58 / 43 | .4 | 2.7 | 1.2 | .2 | | | | | | | | | | | | | | 58 | 58 | 49 | 43 | | |
| 57 / 41 | .5 | 3.4 | .9 | .4 | | | | | | | | | | | | | | 43 | 43 | 53 | 39 | | |
| 56 / 39 | .1 | 1.9 | .4 | .2 | .1 | | | | | | | | | | | | | 50 | 50 | 49 | 46 | | |
| 55 / 37 | .4 | 1.2 | .3 | .4 | | | | | | | | | | | | | | 52 | 52 | 31 | 37 | | |
| 54 / 35 | .2 | .7 | .7 | .1 | | | | | | | | | | | | | | 15 | 15 | 15 | 27 | | |
| 53 / 33 | .2 | .6 | | | | | | | | | | | | | | | | 7 | 7 | 17 | 16 | | |
| 52 / 31 | .1 | .4 | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | 14 | 25 | | |
| 51 / 29 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 17 | | |
| 50 / 27 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 6 | | |
| 49 / 25 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 6 | | |
| 48 / 23 | | | | | | | | | | | | | | | | | | | | | | | |
| 47 / 21 | | | | | | | | | | | | | | | | | | | | | | | |
| 46 / 19 | | | | | | | | | | | | | | | | | | | | | | | |
| 45 / 17 | | | | | | | | | | | | | | | | | | | | | | | |
| 44 / 15 | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.5 | 66.1 | 18.9 | 5.3 | 2.8 | .2 | | | | | | | | | | | | 846 | | 846 | 846 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | Σ X | | X̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | 6454586 | | 73376 | | 86.7 | | 10.630 | | 846 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total |
| Dry Bulb | 2485549 | | 45110 | | 53.3 | | 9.743 | | 846 | | | | 1.5 | | 3.7 | | | | | | | | 54 |
| Wet Bulb | 2307286 | | 43376 | | 51.3 | | 9.930 | | 846 | | | | 2.6 | | 5.4 | | | | | | | | 54 |
| Dew Point | 2167001 | | 41783 | | 49.4 | | 11.061 | | 846 | | | | 6.5 | | 4.0 | | | | | | | | 54 |

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1 186 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

64-77, 78-81

YEARS

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MONTH

2165 :

9-11
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FF:
MONTH

PAGE -

1955-11-25
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL

69-70, 73-9

YEARS

FE
MONTH

PAGE 1 12-14-86
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|----------|-------|-------|------------------------------------|--------|--------|--------|--------|--------|----------|----------|-----------|----|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | |
| 87/ 87 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | |
| 86/ 86 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 84/ 83 | | | | | | .1 | | | .4 | .1 | | | | | | | | 5 | 5 | | | | | | | | |
| 83/ 81 | | | | | .1 | .7 | .9 | | | | | | | | | | | 15 | 15 | | | | | | | | |
| 82/ 79 | | | | .1 | .4 | 1.3 | .5 | .1 | | | | | | | | | | 28 | 28 | | | | | | | | |
| 79/ 77 | | | | .9 | 1.4 | 1.5 | .9 | | .1 | | | | | | | | | 42 | 42 | 1 | | | | | | | |
| 78/ 76 | | | .2 | 1.5 | 2.4 | 2.2 | .7 | .4 | .4 | .2 | | | | | | | | 68 | 68 | | | | | | | | |
| 74/ 72 | | | .1 | 2.2 | 1.7 | 2.5 | .9 | .5 | .3 | | | | | | | | | 65 | 65 | 7 | | | | | | | |
| 72/ 71 | | .2 | 1.4 | 1.1 | 1.1 | 1.3 | 1.5 | .6 | .1 | | | | | | | | | 52 | 52 | 32 | | | | | | | |
| 71/ 69 | | .9 | .7 | .6 | 2.5 | 2.6 | .8 | .1 | .1 | | | | | | | | | 67 | 67 | 57 | 17 | | | | | | |
| 67/ 67 | | .4 | 1.2 | .9 | 1.5 | 1.9 | 1.1 | .6 | .1 | | | | | | | | | 55 | 49 | 68 | 30 | | | | | | |
| 67/ 65 | | .6 | .6 | 1.1 | 2.2 | 1.2 | 1.5 | .3 | .1 | | | | | | | | | 72 | 72 | 53 | 47 | | | | | | |
| 47/ 63 | | .4 | .6 | .6 | 2.1 | 1.2 | .9 | .7 | | | | | | | | | | 55 | 55 | 27 | 36 | | | | | | |
| 51/ 51 | | .5 | .6 | 1.1 | 1.3 | 1.3 | .3 | 1.4 | .3 | | | | | | | | | 42 | 52 | 48 | 37 | | | | | | |
| 59/ 59 | | .7 | .7 | 1.7 | 2.4 | .7 | .7 | .3 | | | | | | | | | | 65 | 59 | 73 | 44 | | | | | | |
| 57/ 57 | .1 | .9 | .9 | .6 | 1.2 | .9 | .3 | .3 | | | | | | | | | | 45 | 45 | 35 | 43 | | | | | | |
| 55/ 55 | | .5 | .2 | .7 | 1.3 | .6 | .4 | .4 | | | | | | | | | | 35 | 36 | 67 | 35 | | | | | | |
| 47/ 52 | | .4 | | .8 | .7 | .9 | .2 | | | | | | | | | | | 26 | 26 | 66 | 41 | | | | | | |
| 51/ 51 | | | .2 | .6 | 1.1 | .6 | | .1 | | | | | | | | | | 22 | 32 | 50 | 74 | | | | | | |
| 47/ 47 | | .6 | .2 | 1.3 | .1 | .1 | .4 | | | | | | | | | | | 23 | 23 | 38 | 63 | | | | | | |
| 47/ 47 | | .1 | | .1 | | .6 | .1 | | | | | | | | | | | 8 | 8 | 49 | 51 | | | | | | |
| 47/ 45 | | | .4 | .1 | | | | | | | | | | | | | | 4 | 4 | 33 | 35 | | | | | | |
| 44/ 43 | | | .2 | .2 | .1 | | | | | | | | | | | | | 5 | 5 | 28 | 42 | | | | | | |
| 42/ 41 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 18 | 37 | | | | | | |
| 39/ 36 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 3 | | | | | | |
| 37/ 37 | | | | | | | | | | | | | | | | | | | | 11 | 27 | | | | | | |
| 35/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 37 | | | | | | |
| 33/ 33 | | | | | | | | | | | | | | | | | | | | | 20 | | | | | | |
| 31/ 31 | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | |
| 29/ 29 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | |
| 27/ 27 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | |
| 25/ 25 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | Σ | σ _x | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

FE:
MONTH

PAGE 2 1450-1452
HOURS (L. S. T.)

[illegible]

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10886 KENNEDY SPACE CENTER FL

69-70,73-80

YEARS

MONTH

PAGE 1

1070-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|------|----------|----------|-----------|--------|--------|--------|--|--|--|--|--|--------------------|-------|----|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 76 / 85 | | | | | | | | | .1 | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | |
| 4 / 81 | | | | | | | | .6 | .1 | | | | | | | | | 5 | | | | | | | | | | | | | 5 | | |
| 72 / 81 | | | | | | .3 | .2 | .9 | | | | | | | | | | 8 | | | | | | | | | | | | | 8 | | |
| 71 / 79 | | | | .1 | .4 | .7 | .9 | .2 | .1 | | | | | | | | | 21 | | | | | | | | | | | | | 21 | | |
| 70 / 77 | | | | .7 | 1.3 | .4 | .6 | | .1 | | | | | | | | | 29 | | | | | | | | | | | | | 29 | | |
| 76 / 75 | | | .5 | 1.3 | 1.4 | 1.3 | .6 | .7 | | .1 | | | | | | | | 34 | | | | | | | | | | | | | 34 | | |
| 74 / 72 | | | 1.5 | 2.7 | 1.9 | .7 | .5 | .6 | .3 | .1 | .1 | | | | | | | 73 | | | | | | | | | | | | | 73 | | |
| 72 / 71 | | .2 | 1.9 | 1.3 | 2.7 | .7 | .3 | .3 | .2 | | .1 | | | | | | | 70 | | | | | | | | | | | | | 70 | | |
| 77 / 69 | | .2 | 1.4 | .5 | 1.7 | .7 | 1.1 | .1 | .6 | .1 | | | | | | | | 54 | | | | | | | | | | | | | 54 | | |
| 66 / 67 | | .4 | .3 | .5 | 3.7 | 1.7 | .6 | .5 | .2 | | | | | | | | | 64 | | | | | | | | | | | | | 64 | | |
| 66 / 65 | | .6 | .4 | 1.5 | 3.7 | 1.4 | 1.5 | .5 | .2 | .1 | | | | | | | | 73 | | | | | | | | | | | | | 73 | | |
| 4 / 63 | | .6 | .1 | 1.4 | 1.7 | 1.9 | 1.1 | .5 | .4 | | .1 | | | | | | | 65 | | | | | | | | | | | | | 65 | | |
| 67 / 61 | | .5 | .9 | 1.5 | 1.1 | 1.1 | .9 | .4 | .1 | | | | | | | | | 55 | | | | | | | | | | | | | 55 | | |
| 70 / 59 | | 1.3 | 1.2 | 1.3 | 1.4 | .8 | .5 | .6 | .2 | | | | | | | | | 62 | | | | | | | | | | | | | 62 | | |
| 67 / 57 | | 1.2 | .9 | 1.2 | 1.9 | 1.1 | 1.2 | .1 | | | | | | | | | | 61 | | | | | | | | | | | | | 61 | | |
| 57 / 55 | | .8 | 1.1 | 1.2 | 1.8 | .6 | .3 | | | | | | | | | | | 54 | | | | | | | | | | | | | 54 | | |
| 4 / 53 | | .6 | .6 | .9 | .9 | .5 | .2 | .2 | | | | | | | | | | 32 | | | | | | | | | | | | | 32 | | |
| 67 / 51 | | .2 | .5 | .2 | .7 | .6 | .4 | | | | | | | | | | | 22 | | | | | | | | | | | | | 22 | | |
| 57 / 49 | | .4 | .1 | 1.3 | .4 | .4 | | | | | | | | | | | | 21 | | | | | | | | | | | | | 21 | | |
| 72 / 47 | | .2 | .2 | .4 | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | 7 | | |
| 46 / 45 | | | .1 | .3 | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | 5 | | |
| 44 / 43 | | | | .2 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | 2 | | |
| 62 / 41 | | | .1 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 | | |
| 4 / 39 | | | .1 | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | 2 | | |
| 72 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 / 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 / 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | | Σ X | | | Σ | | | Σ | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 17785 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

64-72, 73-82

YEARS

FE:
MONTH

PAGE 2 15 C-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-86 KENNEDY SPACE CENTER FL

69-72,73-8

YEARS

FEB

PAGE 1

18-0-200

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 81 | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 79 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | | |
| 77 | | | | | .1 | .4 | | | | | | | | | | | | 4 | 4 | | | |
| 75 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | 4 | 4 | | | |
| 73 | | .4 | .8 | .9 | .1 | .2 | | | | | | | | | | | | 17 | 17 | | | |
| 71 | | 1.5 | 2.4 | .4 | .2 | .2 | | | | | | | | | | | | 40 | 40 | 9 | | |
| 69 | | 2.2 | 3.9 | 1.2 | .2 | .1 | .1 | .1 | | | | | | | | | | 65 | 65 | 31 | 18 | |
| 67 | | 2.4 | 3.2 | .7 | .5 | | | .1 | | | | | | | | | | 58 | 58 | 51 | 31 | |
| 65 | | 3.4 | 2.1 | 2.5 | .5 | .6 | .2 | | | | | | | | | | | 78 | 78 | 50 | 45 | |
| 63 | | 2.4 | 1.9 | 1.8 | 1.5 | | .4 | | | | | | | | | | | 67 | 67 | 51 | 57 | |
| 61 | .1 | 1.7 | 1.9 | .7 | .9 | .6 | | | | | | | | | | | | 50 | 50 | 53 | 56 | |
| 59 | | 2.4 | 2.4 | .9 | 1.1 | .9 | | | .1 | | | | | | | | | 62 | 62 | 58 | 45 | |
| 57 | | 3.4 | 1.8 | 1.8 | 1.1 | .2 | .1 | | | | | | | | | | | 71 | 71 | 64 | 50 | |
| 55 | | 3.3 | 2.4 | .9 | 1.7 | .2 | .1 | .1 | | | | | | | | | | 74 | 74 | 66 | 55 | |
| 53 | .1 | 3.0 | 1.1 | 2.0 | .4 | .9 | .1 | | | | | | | | | | | 60 | 60 | 68 | 60 | |
| 51 | | .9 | 3.2 | .7 | .5 | .4 | | | | | | | | | | | | 46 | 46 | 65 | 74 | |
| 49 | | .9 | 1.8 | 1.3 | .6 | .1 | | | | | | | | | | | | 42 | 42 | 46 | 36 | |
| 47 | | 1.9 | 1.3 | 1.3 | .5 | .1 | | | | | | | | | | | | 43 | 43 | 63 | 43 | |
| 45 | | .9 | 1.5 | .9 | .1 | .1 | | | | | | | | | | | | 27 | 27 | 46 | 48 | |
| 43 | | .9 | .7 | .6 | | | | | | | | | | | | | | 18 | 18 | 43 | 41 | |
| 41 | | .1 | .2 | .4 | .1 | | | | | | | | | | | | | 7 | 7 | 32 | 45 | |
| 39 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 14 | 35 | |
| 37 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 13 | 39 | |
| 35 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 15 | |
| 33 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 0 | 12 | |
| 31 | | | | | | | | | | | | | | | | | | | | | 19 | |
| 29 | | | | | | | | | | | | | | | | | | | | | 7 | |
| 27 | | | | | | | | | | | | | | | | | | | | | 3 | |
| 25 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 23 | | | | | | | | | | | | | | | | | | | | | 1 | |
| 21 | | | | | | | | | | | | | | | | | | | | | 7 | |
| 19 | | | | | | | | | | | | | | | | | | | | | 3 | |
| TOTAL | .2 | 32.5 | 32.5 | 18.4 | 10.2 | 4.4 | 1.2 | .9 | .1 | | | | | | | | | 846 | 846 | | 846 | |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | |
| Rel. Hum. | 5146953 | | 65019 | | 76.8 | | 13.348 | | 846 | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | |
| Dry Bulb | 3020992 | | 50042 | | 59.2 | | 8.492 | | 846 | | | | | | 13.9 | | 2.7 | | .2 | | | |
| Wet Bulb | 2636543 | | 46653 | | 55.1 | | 8.692 | | 846 | | | | | | 9.0 | | | | | | | |
| Dew Point | 2342534 | | 43629 | | 51.6 | | 10.446 | | 846 | | 3.5 | | 4.9 | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|-------------------------|
| 17-80 | KENNEDY SPACE CENTER FL |

69-70, 73-87

YEARS

FEE
MONTH

PAGE 1

01 6-23-7

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL 69-75, 73-80 FF--
STATION STATION NAME YEARS MONTH

PAGE 1 ALL

HOURS (L. S. Y.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|--|---|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | |
| 5/ 27 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | |
| 6/ 28 | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | |
| 7/ 29 | | | | | | | | | | | | | | | | | | 10 | 10 | | | | | | | | | | | |
| 8/ 31 | | | | | | | | | | | | | | | | | | 24 | 24 | | | | | | | | | | | |
| 9/ 29 | | | | | | | | | | | | | | | | | | 54 | 54 | | | | | | | | | | | |
| 10/ 77 | | | | | | | | | | | | | | | | | | 91 | 91 | 1 | | | | | | | | | | |
| 11/ 75 | | | | | | | | | | | | | | | | | | 153 | 153 | | | | | | | | | | | |
| 12/ 73 | | | | | | | | | | | | | | | | | | 22 | 22 | | | | | | | | | | | |
| 1/ 71 | | | | | | | | | | | | | | | | | | 254 | 254 | 23 | 1 | | | | | | | | | |
| 2/ 69 | | | | | | | | | | | | | | | | | | 359 | 359 | 249 | 96 | | | | | | | | | |
| 3/ 67 | | | | | | | | | | | | | | | | | | 462 | 462 | 379 | 277 | | | | | | | | | |
| 4/ 65 | | | | | | | | | | | | | | | | | | 544 | 544 | 439 | 258 | | | | | | | | | |
| 5/ 63 | | | | | | | | | | | | | | | | | | 423 | 423 | 400 | 359 | | | | | | | | | |
| 6/ 61 | | | | | | | | | | | | | | | | | | 411 | 411 | 345 | 361 | | | | | | | | | |
| 7/ 59 | | | | | | | | | | | | | | | | | | 477 | 477 | 466 | 321 | | | | | | | | | |
| 8/ 57 | | | | | | | | | | | | | | | | | | 476 | 476 | 519 | 374 | | | | | | | | | |
| 9/ 55 | | | | | | | | | | | | | | | | | | 461 | 461 | 489 | 421 | | | | | | | | | |
| 10/ 53 | | | | | | | | | | | | | | | | | | 404 | 404 | 529 | 429 | | | | | | | | | |
| 11/ 51 | | | | | | | | | | | | | | | | | | 315 | 315 | 456 | 516 | | | | | | | | | |
| 12/ 49 | | | | | | | | | | | | | | | | | | 360 | 360 | 379 | 361 | | | | | | | | | |
| 1/ 47 | | | | | | | | | | | | | | | | | | 339 | 339 | 421 | 381 | | | | | | | | | |
| 2/ 45 | | | | | | | | | | | | | | | | | | 272 | 272 | 409 | 399 | | | | | | | | | |
| 3/ 43 | | | | | | | | | | | | | | | | | | 192 | 192 | 339 | 345 | | | | | | | | | |
| 4/ 41 | | | | | | | | | | | | | | | | | | 162 | 162 | 251 | 315 | | | | | | | | | |
| 5/ 39 | | | | | | | | | | | | | | | | | | 86 | 86 | 212 | 359 | | | | | | | | | |
| 6/ 37 | | | | | | | | | | | | | | | | | | 73 | 73 | 123 | 261 | | | | | | | | | |
| 7/ 35 | | | | | | | | | | | | | | | | | | 55 | 55 | 92 | 192 | | | | | | | | | |
| 8/ 33 | | | | | | | | | | | | | | | | | | 24 | 24 | 62 | 152 | | | | | | | | | |
| 9/ 31 | | | | | | | | | | | | | | | | | | 24 | 24 | 32 | 179 | | | | | | | | | |
| 10/ 29 | | | | | | | | | | | | | | | | | | 11 | 11 | 22 | 85 | | | | | | | | | |
| 11/ 27 | | | | | | | | | | | | | | | | | | 6 | 6 | 11 | 55 | | | | | | | | | |
| 12/ 25 | | | | | | | | | | | | | | | | | | 1 | 1 | 5 | 42 | | | | | | | | | |
| 1/ 23 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | |
| 2/ 21 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | |
| Element (X) | Σ X ² | | | | | Σ X | | | | | Σ | | | | | Σ | | | | | Σ | | | | | Σ | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

f f .

YEARS

MONTH

ALL

HOURS (L, S, T, /)

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 12-86 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-75, 73-81

YEARS

MA:

MONTH

F A U E ?

2005-2006
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| <u>STATION</u> | <u>STATION NAME</u> |
|----------------|-------------------------|
| 10000 | KENNEDY SPACE CENTER FL |

69-70, 73-5

YEARS

202

MONTH

PAGE 1

300-500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| <u>1 - 36</u> | <u>KENNEDY SPACE CENTER FL</u> |
|---------------|--------------------------------|
| STATION | STATION NAME |

69-71, 73-8

YEARS

MONTH

PAGE 1

1600-2200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 11.35 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

61-75, 73-5

YEARS

MONTH

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-------|------|------|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|----|-------|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 47/ 37 | | | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47/ 41 | | | | | .4 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47/ 49 | | | | 1.3 | 1.3 | 1.3 | .4 | .1 | | | .1 | | | | | | | | 44 | 44 | | | | | | | | | | | | |
| 77/ 77 | | | .5 | 2.3 | 4.2 | 1.4 | .6 | .1 | | | | | | | | | | | 41 | 41 | | | | | | | | | | | | |
| 74/ 75 | | .1 | 2.6 | 4.2 | 2.3 | 1.4 | .3 | .1 | | .2 | | | | | | | | | 117 | 117 | | | | | | | | | | | | |
| 74/ 73 | | .3 | 3.3 | 4.3 | 1.3 | 2.7 | 1.3 | .3 | .1 | | | | | | | | | | 118 | 113 | 42 | | | | | | | | | | | |
| 77/ 71 | .1 | 1.3 | 2.4 | 1.3 | 3.2 | 3.9 | 1.3 | .4 | .1 | | | | | | | | | | 126 | 126 | 49 | 14 | | | | | | | | | | |
| 77/ 69 | | .6 | 2.5 | 1.3 | 1.3 | 1.9 | .3 | .3 | .1 | | | | | | | | | | 3 | 33 | 137 | 25 | | | | | | | | | | |
| 67/ 67 | | 1.3 | 1.5 | 1.4 | 1.9 | 1.6 | .7 | .3 | .1 | | | | | | | | | | 31 | 31 | 4 | 71 | | | | | | | | | | |
| 67/ 65 | .1 | 1.4 | .4 | 2.5 | 1.2 | .6 | .9 | .1 | | | | | | | | | | | 4 | 64 | 112 | 31 | | | | | | | | | | |
| 64/ 63 | | .4 | .9 | 1.3 | 1.4 | 1.3 | .1 | .7 | | | | | | | | | | | 12 | 32 | 38 | 37 | | | | | | | | | | |
| 77/ 51 | | .1 | .2 | 1.7 | 1.7 | .3 | .3 | .2 | | | | | | | | | | | 13 | 33 | 84 | 37 | | | | | | | | | | |
| 77/ 49 | | .1 | .2 | .4 | .4 | .4 | .5 | .1 | | | | | | | | | | | 16 | 26 | 37 | 31 | | | | | | | | | | |
| 77/ 37 | | .3 | .1 | .2 | 1.3 | .2 | .2 | .1 | | | | | | | | | | | 23 | 23 | 41 | 60 | | | | | | | | | | |
| 57/ 55 | | .2 | .2 | .2 | .5 | .2 | .2 | | | | | | | | | | | | 16 | 16 | 43 | 37 | | | | | | | | | | |
| 47/ 53 | | .1 | | .4 | 1.1 | .2 | | | | | | | | | | | | | 17 | 17 | 29 | 60 | | | | | | | | | | |
| 47/ 51 | | .1 | .1 | .4 | .3 | .3 | | | | | | | | | | | | | 11 | 11 | 17 | 30 | | | | | | | | | | |
| 57/ 40 | | | .1 | .2 | .7 | .2 | | | | | | | | | | | | | 3 | 3 | 27 | 34 | | | | | | | | | | |
| 67/ 47 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 17 | 32 | | | | | | | | | | |
| 67/ 45 | | | | | | | | | | | | | | | | | | | 1 | 1 | 11 | 21 | | | | | | | | | | |
| 74/ 43 | | | | | | | | | | | | | | | | | | | | | 0 | 13 | | | | | | | | | | |
| 72/ 41 | | | | | | | | | | | | | | | | | | | | | 7 | 1 | | | | | | | | | | |
| 77/ 39 | | | | | | | | | | | | | | | | | | | | | 3 | 1 | | | | | | | | | | |
| 37/ 37 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 11 | | | | | | | | | | |
| 77/ 35 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| 37/ 33 | | | .3 | | | | | | | | | | | | | | | | 2 | 2 | | 7 | | | | | | | | | | |
| 77/ 31 | | | | | | | | | | | | | | | | | | | | | 2 | 7 | | | | | | | | | | |
| 77/ 29 | | | | | | | | | | | | | | | | | | | | | 1 | 6 | | | | | | | | | | |
| 77/ 27 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| 57/ 25 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 77/ 19 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| TOTAL | .2 | 6.9 | 15.5 | 23.3 | 24.7 | 18.3 | 7.2 | 2.7 | .9 | .2 | .1 | | | | | | | | | 930 | 930 | 92 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 930 | | 930 | | | | | | | | | | | |
| Element (X) | Σ X' | | Σ X | | X | | Σ ₂ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 4376620 | | 62529 | | 67.2 | | 13.630 | | 930 | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total | | | | | | | | | |
| Dry Bulb | 4577178 | | 64399 | | 69.8 | | 7.219 | | 930 | | | | | | 68.7 | | 39.7 | | 2.9 | | | | 930 | | | | | | | | | |
| Wet Bulb | 3731901 | | 58461 | | 62.9 | | 7.656 | | 930 | | | | | | .3 | | 35.1 | | 4.1 | | | | 930 | | | | | | | | | |
| Dew Point | 3222382 | | 53944 | | 58.0 | | 10.027 | | 930 | | | | 2.1 | | 21.2 | | .4 | | | | | | 930 | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1080 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

64-77, 73-8

YEARS

24

MONTH

444

100-148

HOURS (L, S, T,)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-44 KENNEDY SPACE CENTER FL

69-70, 73-80

YEARS

MONTH

PAGE 1 10-1-17-80
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|----|----------|----------|-----------|----------|--|--|--|--|------------------------------------|--|--|--|--|--------|--------------------|-------|--|--|--------|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | |
| 7/ 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/ 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/ 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | $\Sigma X'$ | | | | | ΣX | | | | | \bar{X} | | | | | σ_s | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | | | | | ≤ 32 F | | | | | ≤ 67 F | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 73 F | | | | | ≤ 80 F | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 93 F | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total | | | | |
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PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1000 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

67-7, 73-8

YEARS

MONTH

1855

15 6-1701
HOURS (L. S. T.)

[illegible]

55

YEARS

62-70, 73-8

PAGE 1

V A .
 MONTH
 10-0-50
 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 64 / 65 | | | | | | | | | .1 | | | | | | | | | 2 | 2 | | | | | |
| 64 / 61 | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | | | | |
| 64 / 58 | | | | | | | | .1 | .3 | | | | | | | | | 5 | 5 | | | | | |
| 64 / 54 | | | | | | .1 | .1 | | .1 | | | | .1 | | | | | 4 | 4 | | | | | |
| 7 / 77 | | | | .4 | .9 | .7 | .4 | .1 | | | | | | | | | | 1 | 1 | | | | | |
| 7 / 75 | | | 1.5 | 1.3 | .3 | .9 | .1 | .1 | | .1 | | | | | | | | 34 | 34 | | | | | |
| 74 / 73 | | 1.4 | 5.9 | 1.8 | .6 | .3 | | .1 | .1 | | | | | | | | | 95 | 95 | | | | | |
| 74 / 71 | | 4.6 | 6.2 | 2.4 | .9 | .3 | .3 | .2 | | | | | | | | | | 129 | 119 | | | | | |
| 7 / 69 | .1 | 3.3 | 5.2 | 2.7 | 1.1 | .9 | .3 | .1 | | | | | | | | | | 125 | 125 | 133 | | | | |
| 7 / 67 | .1 | 2.3 | 3.9 | 2.2 | 1.7 | .9 | .3 | | .1 | | | | | | | | | 102 | 102 | 114 | | | | |
| 66 / 65 | .1 | 3.0 | 2.4 | 2.9 | 1.4 | 1.1 | .7 | | | | | | | | | | | 102 | 102 | 100 | | | | |
| 64 / 63 | | 3.7 | 2.5 | 1.6 | 1.1 | .3 | .1 | .2 | .1 | | | | | | | | | 69 | 49 | 117 | | | | |
| 6 / 61 | | 1.2 | 1.1 | 1.4 | .7 | .1 | .3 | | | | | | | | | | | 41 | 41 | 65 | | | | |
| 6 / 59 | | 1.2 | 1.7 | .9 | .4 | .6 | .3 | .1 | | | | | | | | | | 49 | 49 | 83 | | | | |
| 6 / 57 | | 1.1 | .9 | .5 | .5 | | | .1 | .1 | | | | | | | | | 30 | 30 | 64 | | | | |
| 6 / 55 | | .6 | .8 | .3 | .3 | | | .7 | .2 | | | | | | | | | 31 | 31 | 61 | | | | |
| 4 / 53 | | .2 | .9 | .9 | | .2 | .1 | | | | | | | | | | | 13 | 18 | 28 | | | | |
| 2 / 51 | | | .6 | .6 | .3 | .3 | | | | | | | | | | | | 17 | 17 | 26 | | | | |
| 5 / 49 | | .1 | .3 | | | .3 | | | | | | | | | | | | 7 | 7 | 33 | | | | |
| 6 / 47 | | .1 | .4 | .1 | | | | | | | | | | | | | | 6 | 6 | 21 | | | | |
| 6 / 45 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 7 | | | | |
| 14 / 43 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 13 | | | | |
| 22 / 41 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | | | | |
| 4 / 39 | | | .7 | | | | | | | | | | | | | | | 2 | 2 | 1 | | | | |
| 3 / 37 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 1 | | | | |
| 7 / 35 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 2 | | | | |
| 3 / 33 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | |
| 2 / 31 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 7 / 29 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 7 / 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 / 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 / 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 / 19 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Element (X) | Σ X ¹ | | | Σ X | | | X̄ | | | σ _X | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1985 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-80

YEARS

PAGE 1

MAR
MONTH
15-6-75
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 17-86 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-87

YEARS

MONTH

PAGE 1

31 C-27

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 77 / 77 | | | | .1 | .2 | | | | | | | | | | | | | 3 | 3 | | | | | |
| 76 / 75 | | | .4 | .6 | .1 | | | | | | | | | | | | | 11 | 11 | | | | | |
| 74 / 73 | | .6 | 2.3 | .5 | .2 | | | | | | | | | | | | | 34 | 34 | 1 | | | | |
| 72 / 71 | | 6.6 | 3.3 | .6 | .1 | | | .1 | | | | | | | | | | 104 | 104 | 26 | | | | |
| 70 / 69 | .4 | 7.8 | 4.9 | 1.2 | .4 | | .1 | | | | | | | | | | | 139 | 139 | 113 | 7 | | | |
| 68 / 67 | | 6.1 | 4.5 | 1.6 | .5 | .1 | | | | | | | | | | | | 120 | 120 | 109 | 11 | | | |
| 66 / 65 | .2 | 4.1 | 3.0 | 2.4 | 1.1 | | .2 | | | | | | | | | | | 102 | 102 | 111 | 28 | | | |
| 64 / 63 | .3 | 4.9 | 1.6 | 1.6 | 1.2 | .5 | | | | | | | | | | | | 65 | 65 | 41 | 103 | | | |
| 62 / 61 | .1 | 3.3 | 1.2 | 1.8 | .9 | | | | | | | | | | | | | 69 | 69 | 83 | 74 | | | |
| 60 / 59 | | 2.3 | 1.4 | .8 | .3 | .1 | | | | | | | | | | | | 45 | 45 | 61 | 63 | | | |
| 58 / 57 | | 1.9 | 1.0 | .5 | .3 | | | | | | | | | | | | | 39 | 39 | 51 | 60 | | | |
| 56 / 55 | | 2.3 | .3 | .9 | .4 | .2 | | | | | | | | | | | | 41 | 41 | 62 | 56 | | | |
| 54 / 53 | | 1.9 | .8 | .5 | .3 | | | | | | | | | | | | | 32 | 32 | 39 | 54 | | | |
| 52 / 51 | | 1.4 | .5 | .6 | .4 | .1 | | | | | | | | | | | | 29 | 29 | 28 | 57 | | | |
| 50 / 49 | .1 | .9 | .6 | .2 | .2 | .1 | | | | | | | | | | | | 20 | 20 | 48 | 34 | | | |
| 48 / 47 | | 1.2 | .4 | .2 | | | | | | | | | | | | | | 17 | 17 | 13 | 37 | | | |
| 46 / 45 | | .8 | .2 | .2 | | | | | | | | | | | | | | 11 | 11 | 27 | 19 | | | |
| 44 / 43 | | .1 | .3 | | | | | | | | | | | | | | | 3 | 3 | 16 | 24 | | | |
| 42 / 41 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 2 | | | |
| 40 / 39 | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 6 | 11 | | | |
| 38 / 37 | | .1 | .2 | | | | | | | | | | | | | | | 5 | 5 | 5 | 9 | | | |
| 36 / 35 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 11 | | | |
| 34 / 33 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 7 | | | |
| 32 / 31 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 1.247 | 6.27 | 8.14 | 6.7 | 0.1 | .3 | .1 | | | | | | | | | | 930 | | 930 | 930 | | | |
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ALL RIGHTS ARE RESERVED FOR THE REPRODUCTION OF THIS DOCUMENT

0-26-5 (OL A)

JSAFETAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 11486 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

67-75, 73-d

YEARS

241

MONTH

PAGE 1

322

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL O.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|-------|--|--|--|--|--|--|--|--|--------------------|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 1/ 89 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | | |
| 6/ 87 | | | | | | | | | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | | |
| 6/ 85 | | | | | | | | | | | | | | | | | | 32 | 32 | | | | | | | | | | | | | | | | | |
| 4/ 83 | | | | | | | | | | | | | | | | | | 40 | 40 | | | | | | | | | | | | | | | | | |
| 7/ 81 | | | | | | | | | | | | | | | | | | 51 | 51 | | | | | | | | | | | | | | | | | |
| 7/ 79 | | | | | | | | | | | | | | | | | | 223 | 223 | | | | | | | | | | | | | | | | | |
| 7/ 77 | | | | | | | | | | | | | | | | | | 340 | 340 | | | | | | | | | | | | | | | | | |
| 5/ 75 | | | | | | | | | | | | | | | | | | 395 | 395 | | | | | | | | | | | | | | | | | |
| 7/ 73 | | | | | | | | | | | | | | | | | | 536 | 536 | 196 | | | | | | | | | | | | | | | | |
| 7/ 71 | | | | | | | | | | | | | | | | | | 668 | 668 | 434 | 119 | | | | | | | | | | | | | | | |
| 7/ 69 | | | | | | | | | | | | | | | | | | 882 | 882 | 631 | 554 | | | | | | | | | | | | | | | |
| 7/ 67 | | | | | | | | | | | | | | | | | | 795 | 795 | 800 | 768 | | | | | | | | | | | | | | | |
| 6/ 65 | | | | | | | | | | | | | | | | | | 671 | 671 | 807 | 742 | | | | | | | | | | | | | | | |
| 4/ 63 | | | | | | | | | | | | | | | | | | 580 | 580 | 762 | 730 | | | | | | | | | | | | | | | |
| 7/ 61 | | | | | | | | | | | | | | | | | | 395 | 395 | 656 | 560 | | | | | | | | | | | | | | | |
| 7/ 59 | | | | | | | | | | | | | | | | | | 432 | 432 | 633 | 543 | | | | | | | | | | | | | | | |
| 7/ 57 | | | | | | | | | | | | | | | | | | 269 | 269 | 466 | 523 | | | | | | | | | | | | | | | |
| 5/ 55 | | | | | | | | | | | | | | | | | | 261 | 261 | 429 | 491 | | | | | | | | | | | | | | | |
| 4/ 53 | | | | | | | | | | | | | | | | | | 229 | 229 | 303 | 462 | | | | | | | | | | | | | | | |
| 2/ 51 | | | | | | | | | | | | | | | | | | 169 | 169 | 293 | 409 | | | | | | | | | | | | | | | |
| 5/ 49 | | | | | | | | | | | | | | | | | | 118 | 118 | 259 | 280 | | | | | | | | | | | | | | | |
| 7/ 47 | | | | | | | | | | | | | | | | | | 118 | 118 | 198 | 251 | | | | | | | | | | | | | | | |
| 4/ 45 | | | | | | | | | | | | | | | | | | 74 | 74 | 161 | 201 | | | | | | | | | | | | | | | |
| 4/ 43 | | | | | | | | | | | | | | | | | | 41 | 41 | 103 | 170 | | | | | | | | | | | | | | | |
| 2/ 41 | | | | | | | | | | | | | | | | | | 5 | 5 | 67 | 171 | | | | | | | | | | | | | | | |
| 7/ 39 | | | | | | | | | | | | | | | | | | 19 | 19 | 32 | 123 | | | | | | | | | | | | | | | |
| 3/ 37 | | | | | | | | | | | | | | | | | | 10 | 10 | 23 | 66 | | | | | | | | | | | | | | | |
| 7/ 35 | | | | | | | | | | | | | | | | | | 3 | 3 | 9 | 64 | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | 9 | 9 | 6 | 50 | | | | | | | | | | | | | | | |
| 2/ 31 | | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 47 | | | | | | | | | | | | | | | |
| 7/ 29 | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 36 | | | | | | | | | | | | | | | |
| 7/ 27 | | | | | | | | | | | | | | | | | | | | 4 | 24 | | | | | | | | | | | | | | | |
| 6/ 25 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | | | |
| 4/ 23 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | Σ X | | X | | n | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

2

2

YEARS

MONTH

PAGE 2

211

HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

| | |
|--------------|--------------------------------|
| <u>1.386</u> | <u>KENNEDY SPACE CENTER FL</u> |
| STATION | STATION NAME |

69-75, 73-31

YEARS

226
MONTH

PAGE 1 001-001
HOURS (L. S. T.)

[illegible]

25

PSYCHROMETRIC SUMMARY

24.

STATION

STATION NAME

YEARS

MONTANA

PAGE 1

755-5

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

| | |
|--------------|--------------------------------|
| <u>17436</u> | <u>KENNEDY SPACE CENTER FL</u> |
| STATION | STATION NAME |

69-70, 73-8

YEARS

400

MONTH

PAGE 1

HOURS (L. S. T.)

[illegible]

94

94

YEARS

AD -
MONTH

PAGE 1 1970-21
HOURS (L-S-T)

USAFETAC
FORM
JAN 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 180 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-77, 73-6"

YEARS

MONTH

16-14
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|-----|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|------|-----------|----------|----------|-----------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 7 / 86 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | | | | | |
| 8 / 87 | | | | | | | | .4 | .3 | .4 | .1 | | | | | | | 15 | 15 | | | | | | |
| 8 / 88 | | | | | | .4 | 1.0 | 1.7 | .2 | .2 | .1 | | | | | | | 33 | 33 | | | | | | |
| 8 / 89 | | | | | .7 | 2.2 | 2.2 | 1.4 | .6 | .1 | .1 | | | | | | | 66 | 66 | | | | | | |
| 7 / 91 | | | | .2 | 3.4 | 3.8 | 3.1 | 1.4 | .7 | .3 | .3 | .2 | | | | | | 125 | 125 | | | | | | |
| 7 / 94 | | | | 1.4 | 3.3 | 4.2 | 4.1 | 2.2 | .6 | .3 | .3 | .1 | | | | | | 160 | 160 | | | | | | |
| 7 / 97 | | .1 | .4 | .3 | 3.9 | 2.1 | 4.9 | 2.2 | .9 | .7 | .2 | | | | | | | 146 | 146 | 1 | | | | | |
| 5 / 98 | | | .3 | 1.2 | 1.7 | 3.2 | 2.6 | 2.8 | .7 | .3 | | | | | | | | 115 | 115 | 27 | | | | | |
| 4 / 99 | .1 | .2 | .6 | 1.7 | 1.1 | 1.6 | 1.8 | 1.8 | 1. | .2 | .1 | | | | | | | 89 | 89 | 106 | 11 | | | | |
| 7 / 99 | | .7 | 1.7 | 1.2 | 1.7 | 1.1 | 1.6 | 1.4 | .4 | .1 | | | | | | | | 83 | 83 | 100 | 40 | | | | |
| 7 / 99 | | .3 | .1 | .3 | .2 | .6 | .3 | .4 | .2 | .1 | | | | | | | | 59 | 59 | 143 | 0 | | | | |
| 7 / 97 | | .1 | | .2 | .2 | .2 | .3 | | .2 | | | | | | | | | 16 | 16 | 113 | 9 | | | | |
| 6 / 98 | | .1 | | | .6 | .1 | .2 | .1 | .1 | | | | | | | | | 11 | 11 | 121 | 77 | | | | |
| 4 / 98 | .1 | | | | .1 | .1 | .4 | | .1 | | | | | | | | | 8 | 8 | 90 | 70 | | | | |
| 7 / 99 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | 35 | 74 | | | | |
| 7 / 99 | | | | | | | | | | | | | | | | | | | | 46 | 71 | | | | |
| 7 / 97 | | | | | | | | | | | | | | | | | | | | 37 | 61 | | | | |
| 5 / 95 | | | | | | | | | | | | | | | | | | | | 14 | 61 | | | | |
| 4 / 92 | | | | | | | | | | | | | | | | | | | | 13 | 41 | | | | |
| 7 / 91 | | | | | | | | | | | | | | | | | | | | 3 | 31 | | | | |
| 7 / 90 | | | | | | | | | | | | | | | | | | | | 3 | 31 | | | | |
| 7 / 97 | | | | | | | | | | | | | | | | | | | | 1 | 17 | | | | |
| 4 / 95 | | | | | | | | | | | | | | | | | | | | 1 | 10 | | | | |
| 4 / 93 | | | | | | | | | | | | | | | | | | | | 1 | 10 | | | | |
| 7 / 91 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 7 / 89 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 87 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 85 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 83 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 81 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 79 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 / 77 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .3 | 1.6 | 2.4 | 7.4 | 17.3 | 19.9 | 23.2 | 16.3 | 6.2 | 3.8 | 1.3 | .3 | | | | | | 900 | 900 | 900 | 900 | | | | |
| Element (X) | Σ X' | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | |
| Rel. Hum. | 3057768 | 51134 | | 56.8 | | 13.027 | | 900 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | |
| Dry Bulb | 5412039 | 69659 | | 77.4 | | 4.776 | | 900 | | | | 87.9 | 75.1 | 31.6 | | 900 | | | | | | | | | |
| Wet Bulb | 4052901 | 60207 | | 66.9 | | 5.300 | | 900 | | | | 51.0 | 13.4 | | | 900 | | | | | | | | | |
| Dew Point | 3330759 | 54271 | | 60.3 | | 8.043 | | 900 | | | .3 | 22.6 | 1.1 | | | 900 | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10 83 KENNEDY SPACE CENTER FL

67-70, 73-87

YEARS

MONTH

PAGE 1 10 8-1983
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-------|------|------|------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|--------------------|-----------|-----|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | Dry Bulb | Wet Bulb | | Dew Point | | |
| 10/ 89 | | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | | |
| 9/ 87 | | | | | | | .1 | | .4 | | .1 | | | | | | | | 6 | 6 | | | |
| 8/ 85 | | | | | | .1 | .3 | .6 | .4 | .4 | .6 | .1 | | | | | | | 23 | 23 | | | |
| 7/ 83 | | | | | .7 | 1.7 | .8 | .7 | .8 | .3 | .1 | | | | | | | | 45 | 46 | | | |
| 6/ 81 | | | | .7 | 2.0 | 2.3 | 1.8 | 1.2 | .6 | .1 | .2 | .1 | | | | | | | 55 | 55 | | | |
| 5/ 79 | | | | 3.1 | 3.7 | 3.2 | 2.4 | 1.7 | .3 | | | .3 | | | | | | | 124 | 124 | | | |
| 4/ 77 | | .1 | .4 | 3.7 | 5.3 | 3.7 | 3.1 | 1.5 | .7 | .4 | .1 | .1 | | | | | | | 160 | 160 | 1 | | |
| 3/ 75 | | | .9 | 2.8 | 3.3 | 3.8 | 2.6 | 2.2 | .9 | | .3 | | | | | | | | 153 | 150 | 14 | 1 | |
| 2/ 73 | | .2 | .3 | 1.9 | 1.9 | 3.6 | 3.3 | 1.1 | .4 | .2 | | | | | | | | | 171 | 171 | 173 | 6 | |
| 1/ 71 | .3 | .4 | 1.1 | 1.6 | 1.5 | .8 | 1.7 | .3 | .4 | | | | | | | | | | 78 | 73 | 141 | 5 | |
| 12/ 69 | .1 | .3 | .7 | .9 | .4 | .9 | .7 | 1.7 | .2 | .2 | .1 | | | | | | | | 94 | 94 | 145 | 15 | |
| 11/ 67 | | .4 | .1 | .2 | .3 | 1.1 | .9 | .2 | .2 | | | | | | | | | | 12 | 53 | 174 | 78 | |
| 10/ 65 | | | .1 | .1 | .1 | .3 | .3 | .1 | .1 | | | | | | | | | | 11 | 11 | 171 | 74 | |
| 9/ 63 | | | | .1 | .3 | .3 | | | | | | | | | | | | | 7 | 7 | 158 | 63 | |
| 8/ 61 | | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 86 | 56 | |
| 7/ 59 | | | | | | | | | | | | | | | | | | | | | 45 | 54 | |
| 6/ 57 | | | | | | | | | | | | | | | | | | | | | 38 | 75 | |
| 5/ 55 | | | | | | | | | | | | | | | | | | | | | 1 | 71 | |
| 4/ 53 | | | | | | | | | | | | | | | | | | | | | 9 | 40 | |
| 3/ 51 | | | | | | | | | | | | | | | | | | | | | 3 | 28 | |
| 2/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | 31 | |
| 1/ 47 | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 12/ 45 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 11/ 43 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 10/ 41 | | | | | | | | | | | | | | | | | | | | | | 5 | |
| 9/ 39 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 8/ 37 | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 7/ 35 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 6/ 33 | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 5/ 31 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | .4 | 2.0 | 4.1 | 14.3 | 19.4 | 19.9 | 18.1 | 11.1 | 6.5 | 2.2 | 1.7 | .7 | | | | | | | 900 | 900 | 900 | 900 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | Σ x | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | |
| Rel. Hum. | 3371466 | | 53640 | | 59.6 | | 13.933 | | 900 | | = 0 F | | = 32 F | | = 67 F | | = 73 F | | = 80 F | | = 93 F | | Total |
| Dry Bulb | 5253934 | | 68638 | | 76.3 | | 4.669 | | 900 | | | | | | 58.1 | | 71.7 | | 22.3 | | | | 9 |
| Wet Bulb | 4016306 | | 59946 | | 66.6 | | 5.123 | | 900 | | | | | | 48.8 | | 11.2 | | | | | | 9 |
| Dew Point | 3352094 | | 54472 | | 60.5 | | 7.854 | | 900 | | .1 | | 22.9 | | .6 | | | | | | | | 9 |

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|-------------------------|
| 17.80 | KENNEDY SPACE CENTER FL |

69-72, 73-5

AP:

YEARS

MONTH

PAGE 1

10-11-1964

HOURS (L, S, T,)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 01-0-27
HOURS (L. S. T.)

[illegible]

1

67-70, 73-81

YEARS

44-

MONTH

12-11-1971

61

HOURS (L, S, T.)

USAFETAC
FORM
AUG 84
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

AD -

STATION

STATION NAME

YEARS

MONTH

1000

211

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 71.9 | 1.4 | 22.5 | 14.5 | 14.4 | 15.0 | 11.9 | 3.1 | 4.2 | 1.9 | .9 | .4 | .1 | | | | | | 71.9 | 71.9 | 71.9 | 71.9 | | | | |
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PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1-80 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-5

YEARS

4 3 2

MONTH

PAGE :

0000-0000
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM 102M
11-84 M

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1963 KENNEDY SPACE CENTER FL 62-70, 73-84 MAY
STATION STATION NAME YEARS MONTH
PAGE 1 73 5-73
HOURS (L.S. Y.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|-----|------|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 70 / 77 | | .3 | 1.5 | .2 | .1 | | | | | | | | | | | | | 27 | 27 | | | |
| 69 / 75 | | .7 | 3.1 | .3 | .1 | | | | | | | | | | | | | 62 | 62 | 7 | | |
| 74 / 73 | .9 | 8.8 | 4.7 | 3.1 | .2 | | | | | | | | | | | | | 165 | 165 | 71 | 30 | |
| 73 / 71 | .8 | 13.2 | 7.4 | 1.7 | | .2 | | | | | | | | | | | | 331 | 331 | 182 | 110 | |
| 71 / 69 | .9 | 1.5 | 2.7 | 1.0 | .4 | .8 | | | | | | | | | | | | 110 | 117 | 188 | 150 | |
| 70 / 67 | .4 | 3.6 | 1.9 | .3 | .4 | .2 | | | | | | | | | | | | 116 | 116 | 171 | 161 | |
| 69 / 65 | .4 | 7.4 | 1.7 | .1 | | | | | | | | | | | | | | 3 | 3 | 172 | 190 | |
| 64 / 63 | .1 | 3.3 | 1.2 | | .1 | | | | | | | | | | | | | 41 | 41 | 36 | 100 | |
| 61 / 61 | .1 | 2.9 | .3 | .1 | | | | | | | | | | | | | | 72 | 72 | 49 | 60 | |
| 57 / 59 | | 1.3 | .5 | .1 | | | | | | | | | | | | | | 78 | 77 | 40 | 31 | |
| 57 / 57 | | .3 | .1 | | | | | | | | | | | | | | | 6 | 4 | 18 | 36 | |
| 55 / 55 | | .4 | .3 | | | | | | | | | | | | | | | 7 | 7 | 11 | 24 | |
| 47 / 51 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 7 | 16 | |
| 51 / 51 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 7 | |
| 51 / 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 5 | |
| TOTAL | 3.3 | 57.6 | 24.9 | 8.3 | 1.7 | 1.2 | | | | | | | | | | | | 930 | 930 | 930 | 930 | |
| Element (X) | Σ X ² | | Σ X | | X | C _x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 7303058 | | 82052 | | 88.2 | 8.288 | 930 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | 4521796 | | 64718 | | 69.6 | 4.416 | 930 | | | | 73.4 | 24.7 | | | 70 | | | | | | | |
| Wet Bulb | 4224325 | | 62541 | | 67.2 | 4.468 | 930 | | | | 59.1 | 7.8 | | | 60 | | | | | | | |
| Dew Point | 4067548 | | 61330 | | 65.9 | 4.983 | 930 | | | | 46.9 | 4.1 | | | 70 | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 0-26-5 (OL A) REVISOR REVISIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1963 KENNEDY SPACE CENTER FL 64-70,73-4 MAY
STATION STATION NAME YEARS MONTH
PAGE 1 1075-021
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70 | | | .5 | .3 | .4 | .3 | | | | | | | | | | | | 23 | 70 | | |
| 71 | | .1 | 2.1 | 3.3 | 1.7 | .4 | .1 | | | | | | | | | | | 75 | 76 | | |
| 72 | | 1.3 | 4.7 | 3.4 | 2.7 | 1.2 | .2 | | | | | | | | | | | 179 | 143 | | |
| 73 | .3 | 3.7 | 5.3 | 5.1 | 1.4 | 1.7 | .3 | | | | | | | | | | | 174 | 164 | 67 | 11 |
| 74 | .3 | 6.8 | 5.1 | 2.4 | 1.3 | .4 | .1 | | | | | | | | | | | 156 | 156 | 112 | 117 |
| 75 | .5 | 7.1 | 4.1 | 1.1 | 2.2 | .5 | .1 | | | | | | | | | | | 145 | 145 | 175 | 147 |
| 76 | .5 | 5.1 | 2.7 | .6 | .7 | .3 | | | | | | | | | | | | 29 | 39 | 115 | 166 |
| 77 | .3 | 3.5 | 1.2 | .9 | .2 | .1 | | | | | | | | | | | | 57 | 57 | 112 | 182 |
| 78 | .3 | 3.0 | .9 | .1 | | | | | | | | | | | | | | 44 | 44 | 112 | 182 |
| 79 | .2 | .3 | .6 | | | | | | | | | | | | | | | 16 | 16 | 112 | 182 |
| 80 | .2 | 1.1 | | | .1 | | | | | | | | | | | | | 13 | 13 | 112 | 182 |
| 81 | | .3 | .2 | .1 | | | | | | | | | | | | | | 10 | 10 | 112 | 182 |
| 82 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 9 | 21 |
| 83 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 9 | 21 |
| 84 | | | | | | | | | | | | | | | | | | | | 3 | 7 |
| 85 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 |
| TOTAL | | 134.2 | 226.2 | 18.4 | 11.1 | 4.3 | .2 | | | | | | | | | | | 930 | 930 | 930 | 930 |
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2

YEARS

69-70, 73-80

MAY Y

MONTH

PAGE 1

5900-11
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
NA 44
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| <u>1-08c</u> | <u>KENNEDY SPACE CENTER FL</u> |
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| STATION | STATION NAME |

69-77, 73-80

242

MONTH

PAGE 1

14-00000-14000

HOURS (L, S, T)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM 8-84

PSYCHROMETRIC SUMMARY

YEARS

244

PAGE 1

15-17-1
HOURS (L. S. T.)

[illegible]

15

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

180-250
HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OL A)
JUN 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| <u>1 - 8</u> | <u>KENNEDY SPACE CENTER FL</u> |
|--------------|--------------------------------|
| STATION | STATION NAME |

69-70, 73-85

YEARS

45

PAGE 1 21 C-2716
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 1 / 71 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 2 / 72 | | .1 | .4 | .8 | .1 | | | | | | | | | | | | | 18 | 18 | | | | |
| 3 / 73 | | 1.1 | 5.4 | 1.9 | .8 | .4 | | | | | | | | | | | | 89 | 89 | | 1 | | |
| 4 / 74 | | 5.6 | 3.5 | 7.7 | .9 | .1 | .1 | | | | | | | | | | | 222 | 222 | 34 | | | |
| 5 / 75 | | 7.1 | 2.7 | 9.7 | 1.5 | .2 | | | | | | | | | | | | 246 | 246 | 135 | | | |
| 6 / 76 | | 5.4 | 5.5 | 3.3 | 3.1 | .3 | .1 | | | | | | | | | | | 165 | 165 | 209 | 168 | | |
| 7 / 77 | .2 | 5.4 | 2.5 | 1.1 | 1.2 | .8 | .1 | | | | | | | | | | | 169 | 169 | 197 | 168 | | |
| 8 / 78 | .1 | 3.1 | .5 | .1 | .2 | .3 | .1 | | | | | | | | | | | 42 | 42 | 170 | 174 | | |
| 9 / 79 | .1 | .5 | .2 | .3 | .3 | | | | | | | | | | | | | 14 | 14 | 97 | 161 | | |
| 10 / 80 | | .3 | .1 | .1 | | .1 | | .1 | | | | | | | | | | 6 | 6 | 78 | 164 | | |
| 11 / 81 | | .1 | | .4 | | | | | | | | | | | | | | 5 | 5 | 23 | 4 | | |
| 12 / 82 | | .1 | .2 | .5 | | | | | | | | | | | | | | 6 | 6 | 12 | 26 | | |
| 13 / 83 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | 9 | 28 | | |
| 14 / 84 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 11 | | |
| 15 / 85 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 13 | | |
| 16 / 86 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 9 | | |
| 17 / 87 | | | | | | | | | | | | | | | | | | | | | | | |
| 18 / 88 | | | | | | | | | | | | | | | | | | | | | | | |
| 19 / 89 | | | | | | | | | | | | | | | | | | | | | | | |
| 20 / 90 | | | | | | | | | | | | | | | | | | | | | | | |
| 21 / 91 | | | | | | | | | | | | | | | | | | | | | | | |
| 22 / 92 | | | | | | | | | | | | | | | | | | | | | | | |
| 23 / 93 | | | | | | | | | | | | | | | | | | | | | | | |
| 24 / 94 | | | | | | | | | | | | | | | | | | | | | | | |
| 25 / 95 | | | | | | | | | | | | | | | | | | | | | | | |
| 26 / 96 | | | | | | | | | | | | | | | | | | | | | | | |
| 27 / 97 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 / 98 | | | | | | | | | | | | | | | | | | | | | | | |
| 29 / 99 | | | | | | | | | | | | | | | | | | | | | | | |
| 30 / 100 | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.1 | 29.2 | 32.6 | 25.8 | 3.7 | 2.3 | .4 | | | | | | | | | | | 930 | 930 | 930 | 930 | | |
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

USAFETAC FORM 8-76
EN 40

GLOEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 FEB 1961 KENNEDY SPACE CENTER FL

69-70,73-3

YEARS

DAY

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|------|------|------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 114 | 114 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 333 | 333 | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 677 | 677 | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 861 | 861 | 29 | 29 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 851 | 851 | 159 | 159 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1012 | 1012 | 611 | 611 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1051 | 1051 | 1323 | 567 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 979 | 979 | 1496 | 1235 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 566 | 566 | 1459 | 1315 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 321 | 321 | 943 | 1288 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 207 | 207 | 601 | 939 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 94 | 94 | 342 | 643 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | 200 | 424 |
| 0/ 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | 157 | 285 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 36 | 119 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 20 | 71 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 3 | 37 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 44 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 44744081 | 567365 | 76.3 | 14.066 | 7439 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 42481736 | 560534 | 75.4 | 5.740 | 7439 | | | 698.6 | 519.0 | 185.2 | .4 | 744 |
| Wet Bulb | 36420891 | 519539 | 69.8 | 4.290 | 7439 | | | 601.7 | 211.8 | .8 | | 744 |
| Dew Point | 33506109 | 497765 | 66.9 | 5.175 | 7439 | | | 455.0 | 71.6 | | | 744 |

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 10-26 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-8

YEARS

MONTH

PAGE

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 14080 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

64-77, 73-81

YEARS

401.

MONTH

4422

316-6500

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

312.
MONTH

PAGE 1

HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17-30 KENNEDY SPACE CENTER FL
STATION STATION NAME

60-70, 73-81
YEARS

0-1
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 1/ 91 | | | | | | | .1 | .2 | .3 | | | | | | | | | 6 | 6 | | |
| 2/ 89 | | | | | | .7 | 1.7 | .7 | | | | | | | | | | 27 | 27 | | |
| 3/ 87 | | | | | 1.3 | 6.4 | 2.9 | .1 | .2 | | | | | | | | | 29 | 28 | | |
| 4/ 85 | | | | 1.4 | 7.0 | 9.0 | 2.2 | .7 | .1 | | | | | | | | | 189 | 189 | | |
| 5/ 83 | | | .3 | 6.1 | 14.2 | 4.8 | 1.3 | .1 | | | | | | | | | | 261 | 241 | | |
| 6/ 81 | | | 1.2 | 8.9 | 9.1 | 2.7 | .7 | | | | | | | | | | | 174 | 174 | | |
| 7/ 79 | | | 1.0 | 5.1 | 2.3 | 1.0 | .1 | | | | | | | | | | | 23 | 23 | 47 | |
| 7-1/ 77 | | .4 | 2.3 | .8 | .3 | .1 | | | | | | | | | | | | 33 | 33 | 272 | 17 |
| 7-2/ 75 | | 1.1 | .4 | | | | | | | | | | | | | | | 14 | 14 | 379 | 137 |
| 7-3/ 73 | | 1.2 | | .1 | | | | | | | | | | | | | | 13 | 12 | 204 | 280 |
| 7-4/ 71 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 260 |
| 7-5/ 69 | | | | | | | | | | | | | | | | | | | | 19 | 120 |
| 7-6/ 67 | | | | | | | | | | | | | | | | | | | | 1 | 37 |
| 7-7/ 65 | | | | | | | | | | | | | | | | | | | | | 19 |
| 7-8/ 63 | | | | | | | | | | | | | | | | | | | | | 13 |
| 7-9/ 61 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 3.0 | 4.9 | 22.4 | 33.4 | 24.7 | 6.7 | 1.3 | .7 | | | | | | | | | 900 | 900 | 900 | 900 |
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164

YEARS

69-70, 73-80

MONTH

PAGE 1 1276-14
HOURS (L-S-Y)

USAFETAC
FORM
JAN 64
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25

YEARS

MONTH

HOURS (L - S - T -)

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

24

110-105340

69-70, 73-87

YEARS

MONTH

10 -
HOURS (L. S. T.)

[illegible]

YEARS

MONTH

HOURS (L, S, T.)

USAFETAC
FORM
AN 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25

YEARS

69-70, 73-80

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MONTH

PAGE 1

HOURS (L. S. Y.)

FORM
SA 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 10.80 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-80

YEARS

JUL
MONTH

PAGE 1

70-6-520
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

444

MONTH

PAGE 1

300-15
HOURS (L. S. T.)

[illegible]

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YEARS

JUL

STATION

STATION NAME

PAGE 1

MONTH
FEB-68
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1988 KENNEDY SPACE CENTER FL

69-70, 73-60

YEARS

JUL
MONTH

PAGE 1 1988-11
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|-------|------|------|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 64/ 67 | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 65/ 68 | | | | | | | | | | | | | | | | | | 12 | 12 | | |
| 66/ 69 | | | | | | | | | | | | | | | | | | 73 | 73 | | |
| 67/ 67 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 68/ 68 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 69/ 69 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 70/ 70 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 71/ 71 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 72/ 72 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 73/ 73 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 74/ 74 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 75/ 75 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 76/ 76 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 77/ 77 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 78/ 78 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 79/ 79 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 80/ 80 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 81/ 81 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 82/ 82 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 83/ 83 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 84/ 84 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 85/ 85 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 86/ 86 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 87/ 87 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 88/ 88 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 89/ 89 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 90/ 90 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 91/ 91 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 92/ 92 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 93/ 93 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 94/ 94 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 95/ 95 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 96/ 96 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 97/ 97 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 98/ 98 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 99/ 99 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 100/ 100 | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| TOTAL | | 2.0 | 5.6 | 22.0 | 31.1 | 26.1 | 11.0 | 2.7 | .1 | | | | | | | | | 930 | 930 | | 930 |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total |
| Rel. Hum. | 4573847 | | 64321 | | 69.7 | | 7.752 | | 930 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | |
| Dry Bulb | 6743604 | | 79148 | | 85.1 | | 2.976 | | 930 | | | | 93.0 | 92.7 | 89.5 | .2 | | | | | |
| Wet Bulb | 5553154 | | 71876 | | 77.3 | | 1.340 | | 930 | | | | 93.0 | 90.4 | 5.2 | | | | | | |
| Dew Point | 5104979 | | 68869 | | 74.1 | | 2.330 | | 930 | | | | 91.8 | 74.3 | .5 | | | | | | |

95

YEARS

69-70, 73-80

Jul
MONTH

PAGE 1 1- 2-14
HOURS (L. S. T.)

USAFETAC
FORM
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
RM 44

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 12 3-17

HOURS (L, S, T,)

[illegible]

USAFETAC FORM 10-74

PSYCHROMETRIC SUMMARY

| <u>1720</u> STATION | <u>KENNEDY SPACE CENTER FL</u> STATION NAME |
|------------------------|--|
| | |

69-77, 73-81

YEARS

and

MONTH

2005

15-00000

HOURS (L. S. T.)

[illegible]

51

51

YEARS

PAGE 1

21 6-27
HOURS (L. S. T.)

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FORM
JAN 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1-36 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

64-70, 73-8

YEARS

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MONTH

PAGE 1

At. L

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

Aug.

MONTH

PAGE 2

HOURS (L, S, T, J)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 17190 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-3

497

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-050

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1-96 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-80

YEARS

MONTH

W A L F

1010-1
HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1 - RC | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-72, 73-8

YEARS

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MONTH

PAGE 1 79-11

HOURS (L - S - T -)

[illegible]

24

PSYCHROMETRIC SUMMARY

AUC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1276-14

HOURS (L. S. T.)

USAFETAC
FORM
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0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25

PSYCHROMETRIC SUMMARY

APC

YEARS

MONTH

15°C-17°C
HOURS (L. S. T.)

JSAFETAC FORM 0.20-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 64

PSYCHROMETRIC SUMMARY

YEARS

MONTH

4. 55 1

10 L-2
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

71-2-23
HOURS (L. S. T.)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-88 KENNEDY SPACE CENTER FL

69-70, 73-87

YEARS

ALL MONTH

PAGE 1

ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 66/ 80 | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 67/ 80 | | | | | | | | | | | | | | | | | | 11 | 11 | | |
| 68/ 81 | | | | | | | | | | | | | | | | | | 52 | 52 | | |
| 69/ 81 | | | | | | | | | | | | | | | | | | 23 | 23 | | |
| 70/ 87 | | | | | | | | | | | | | | | | | | 652 | 652 | | |
| 71/ 88 | | | | | | | | | | | | | | | | | | 998 | 998 | | |
| 72/ 89 | | | | | | | | | | | | | | | | | | 723 | 723 | 1 | |
| 73/ 81 | | | | | | | | | | | | | | | | | | 650 | 650 | 42 | |
| 74/ 79 | | | | | | | | | | | | | | | | | | 961 | 961 | 891 | 27 |
| 75/ 77 | | | | | | | | | | | | | | | | | | 1036 | 1036 | 2043 | 527 |
| 76/ 75 | | | | | | | | | | | | | | | | | | 978 | 978 | 2141 | 2347 |
| 77/ 73 | | | | | | | | | | | | | | | | | | 708 | 708 | 1376 | 2432 |
| 78/ 71 | | | | | | | | | | | | | | | | | | 310 | 310 | 635 | 1330 |
| 79/ 69 | | | | | | | | | | | | | | | | | | 136 | 136 | 21 | 443 |
| 80/ 67 | | | | | | | | | | | | | | | | | | 25 | 25 | 32 | 177 |
| 81/ 65 | | | | | | | | | | | | | | | | | | 3 | 3 | 19 | 47 |
| 82/ 63 | | | | | | | | | | | | | | | | | | | | | 4 |
| 83/ 61 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.8 | 34.5 | 19.6 | 14.9 | 13.9 | 10.7 | 2.8 | .3 | .1 | .0 | | | | | | | | 744 | 744 | 744 | 744 |
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PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1586 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-70, 73-8

YEARS

556

MONTH

PAGE 1

7622-100

HOURS (L. S. T.)

[illegible]

52

YEARS

69-72, 73-80

352

MONTH

PAGE 1

3-1-50
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25

25

YEARS

354

MONTH

2455

94-1-23

HOURS (L, S, T.)

0 26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

44

YEARS

69-70, 73-3

MONTH

PAGE 1

9-11
HOURS (L. S. T.)

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|-------------------------|
| 1 496 | KENNEDY SPACE CENTER FL |

67-70, 73-

YEARS

SEP

MONTH

PAGE = 1

12 L-1412

HOURS (L. S. T.)

[illegible]

2

YEARS

69-70, 73-80

453

MONTH

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 1-680 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

69-72, 73-8"

33

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1600-2000
HOURS (L. S. T.)

[illegible]

2

JSAFETAC

YEARS

JE F
MONTH

PAGE 1

71-6-27
HOURS (L. S. Y.)

[illegible]

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YEARS

69-70, 73-80

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STATION

STATION NAME

PAGE 1

MONTH

All

HOURS (L. S. T.)

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USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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YEARS

64-72, 73-8:

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MONTH

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HOURS (L, S, T)

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YEARS

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HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

CCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

76-5-131

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
WM 44

PSYCHROMETRIC SUMMARY

| | |
|--------------|--------------------------------|
| <u>10096</u> | <u>KENNEDY SPACE CENTER FL</u> |
| STATION | STATION NAME |

49-70, 73-87

OCT

YEARS

MONTH

PAGE 1

900-11

HOURS (L, S, T.)

[illegible]

24

YEARS

69-70, 73-8

667

PAGE 1 120-140
HOURS (L. S. T.)

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

| <u>10-PR</u> | <u>KENNEDY SPACE CENTER FL</u> |
|--------------|--------------------------------|
| STATION | STATION NAME |

69-70, 73-80

YEARS

— — —

MONTH

PAGE 1

100-170
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

207
MONTH

PAGE 1

180-27
HOURS (L. S. T.)

[illegible]

UNCLASSIFIED UAFETAC/DS-81/062

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PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
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| 1 386 | KENNEDY SPACE CENTER FL |

62-70, 73-8

YEARS

657

MONTH

PAGE 1

21 - 23
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L, S, T,)

[illegible]

YEARS

424

MONTH

PAGE 1

HOURS 11-5-7

[illegible]

2

USAFETAC

69-70, 73-80

STATION

STATION NAME

YEARS

404

MONTH

PAGE 1

73-6-05-1

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ADN WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10880 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-8

YEARS

NOV

MONTH

PAGE 1

6600-0801
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 77 / 77 | | | .1 | .4 | | | | | | | | | | | | | | 5 | 5 | | |
| 75 / 75 | | .4 | 1.1 | .1 | .1 | | | | | | | | | | | | | 16 | 16 | 1 | 1 |
| 74 / 73 | .4 | 2.1 | 2.2 | 1.3 | .3 | .3 | | | | | | | | | | | | 65 | 65 | 13 | 6 |
| 71 / 71 | .9 | 4.4 | 2.7 | .7 | 1.3 | .2 | | | | | | | | | | | | 86 | 86 | 38 | 37 |
| 69 / 69 | 1.6 | 5.9 | 2.1 | .6 | 1.3 | .6 | | | | | | | | | | | | 109 | 109 | 79 | 61 |
| 67 / 67 | 1.2 | 6.2 | 3.7 | .6 | .4 | .8 | | | | | | | | | | | | 110 | 110 | 85 | 63 |
| 66 / 65 | .9 | 7.1 | 1.3 | .6 | .7 | .1 | .1 | | | | | | | | | | | 93 | 93 | 109 | 84 |
| 64 / 63 | 1.2 | 6.1 | .7 | .2 | | | | | | | | | | | | | | 74 | 74 | 122 | 103 |
| 61 / 61 | .7 | 4.4 | .6 | .1 | | | | | | | | | | | | | | 62 | 62 | 73 | 94 |
| 60 / 59 | .7 | 4.0 | .7 | .2 | .1 | | | | | | | | | | | | | 61 | 61 | 68 | 69 |
| 57 / 57 | .7 | 2.6 | .8 | .3 | .3 | .1 | | | | | | | | | | | | 43 | 43 | 46 | 60 |
| 56 / 55 | | 2.2 | .9 | .1 | .3 | .1 | | | | | | | | | | | | 33 | 33 | 24 | 39 |
| 54 / 53 | .1 | 1.7 | 1.1 | 1.1 | .2 | .1 | | | | | | | | | | | | 39 | 39 | 31 | 32 |
| 52 / 51 | | 2.1 | .3 | .8 | .1 | | | | | | | | | | | | | 34 | 34 | 29 | 30 |
| 50 / 49 | .1 | 1.2 | 1.7 | .6 | .1 | | | | | | | | | | | | | 27 | 27 | 35 | 28 |
| 48 / 47 | .1 | 1.1 | .7 | .1 | | | | | | | | | | | | | | 18 | 18 | 31 | 22 |
| 46 / 45 | | .2 | .9 | .4 | | | | | | | | | | | | | | 13 | 13 | 29 | 22 |
| 44 / 43 | | .8 | .6 | | | | | | | | | | | | | | | 12 | 12 | 17 | 21 |
| 42 / 41 | .1 | .6 | | | | | | | | | | | | | | | | 6 | 6 | 15 | 24 |
| 40 / 39 | .2 | .4 | | .2 | | | | | | | | | | | | | | 8 | 8 | 15 | 21 |
| 38 / 37 | | | .3 | .2 | | | | | | | | | | | | | | 4 | 4 | 1 | 19 |
| 36 / 35 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| 34 / 33 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 5 | 6 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | 3 | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.9 | 53.6 | 20.9 | 8.7 | 5.6 | 2.3 | .1 | | | | | | | | | | | 900 | 900 | 900 | 900 |
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USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17490 KENNEDY SPACE CENTER FL

69-73, 73-80

NOV
MONTH

YEARS

PAGE 1

79.0-11.0
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | |
|--------------|-------------------------------------|-----|-----|-------|-----|------|------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|----------|----------|-----------|--|--------|--|--|--------|--|--|--------|--|--|-------|--------------------|-------|---|--|--|---|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | |
| 18/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | | Σ | | |
| Rel. Hum. | 4620024 | | | 63352 | | | 70.413.366 | | | 900 | | | Σ 0 F | | | Σ 32 F | | | Σ 67 F | | | Σ 73 F | | | Σ 80 F | | | Σ 93 F | | | Total | | | | | | | | |
| Dry Bulb | 4584096 | | | 63372 | | | 71.17.549 | | | 900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 3815998 | | | 58188 | | | 64.77.747 | | | 900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 3376119 | | | 54432 | | | 60.99.670 | | | 900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MONTH

YEARS

PAGE 1

100-142

HOURS (L. S. T.)

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1480 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-8
YEARS

NOV
MONTH

PAGE 1 15-17-17
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | | | | |
|--------------|-------------------------------------|-----|------|-------|------|------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|--|--------|--|--|--------|--|--|--------|--------------------|-------|--------|-----|-----|-------|--|--|-----|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | |
| 67/ 65 | | | | | | | .1 | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | | | | | |
| 67/ 63 | | | | | | .2 | .4 | .1 | .1 | | | | | | | | | 9 | | | | | | | | | | | | | 9 | | | | | | | | |
| 67/ 61 | | | .1 | .3 | 1.2 | .4 | .7 | .3 | .1 | | | | | | | | | 29 | | | | | | | | | | | | | 29 | | | | | | | | |
| 67/ 59 | | | .7 | 1.8 | 2.3 | 2.2 | .9 | .3 | | | | | | | | | | 71 | | | | | | | | | | | | | 71 | | | | | | | | |
| 73/ 77 | | | 1.8 | 3.7 | 2.9 | 2.4 | 1.3 | .1 | | | | | | | | | | 110 | | | | | | | | | | | | | 110 | | | | | | | | |
| 67/ 74 | | 1.7 | 2.9 | 5.9 | 4.2 | 2.6 | .7 | .1 | | | | | | | | | | 156 | | | | | | | | | | | | | 156 | 13 | 6 | | | | | | |
| 74/ 73 | .1 | .4 | 2.3 | 4.2 | 2.1 | 2.6 | 1.2 | .1 | .1 | | | | | | | | | 117 | | | | | | | | | | | | | 117 | 97 | 13 | | | | | | |
| 73/ 71 | .1 | 1.3 | 1.9 | 2.8 | 2.2 | 1.7 | 1.1 | .1 | .4 | | | | | | | | | 105 | | | | | | | | | | | | | 105 | 100 | 61 | | | | | | |
| 71/ 69 | .2 | .7 | .9 | 1.1 | 2.9 | 1.6 | .8 | .2 | .1 | | | | | | | | | 76 | | | | | | | | | | | | | 76 | 144 | 94 | | | | | | |
| 68/ 67 | .1 | .1 | .9 | .7 | 1.4 | 1.2 | .4 | .4 | .1 | .2 | | | | | | | | 53 | | | | | | | | | | | | | 53 | 107 | 82 | | | | | | |
| 66/ 65 | | 2.0 | .9 | 1.1 | 1.2 | .3 | .2 | .1 | | | | | | | | | | 52 | | | | | | | | | | | | | 52 | 93 | 92 | | | | | | |
| 64/ 63 | | .4 | .2 | .7 | .3 | .7 | .6 | .4 | .1 | | | | | | | | | 35 | | | | | | | | | | | | | 35 | 52 | 100 | | | | | | |
| 62/ 61 | | | | .9 | .7 | .8 | .4 | .4 | .1 | | | | | | | | | 29 | | | | | | | | | | | | | 29 | 69 | 90 | | | | | | |
| 61/ 59 | | | .3 | .6 | .7 | .4 | .2 | .1 | .1 | | | | | | | | | 22 | | | | | | | | | | | | | 22 | 44 | 50 | | | | | | |
| 58/ 57 | | | | .3 | .6 | .3 | .1 | | | | | | | | | | | 12 | | | | | | | | | | | | | 12 | 33 | 66 | | | | | | |
| 56/ 55 | | | | .3 | .2 | .1 | .1 | | | | | | | | | | | 7 | | | | | | | | | | | | | 7 | 23 | 37 | | | | | | |
| 54/ 53 | | | | .1 | .1 | .1 | .1 | | | | | | | | | | | 3 | | | | | | | | | | | | | 3 | 24 | 37 | | | | | | |
| 52/ 51 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | 6 | | | | | | | | | | | | | 6 | 21 | 35 | | | | | | |
| 51/ 49 | | .3 | | | .1 | | | | | | | | | | | | | 4 | | | | | | | | | | | | | 4 | 24 | 25 | | | | | | |
| 49/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 24 | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 11 | | | | | | |
| 44/ 43 | | | | .3 | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 3 | 2 | 22 | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 11 | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 13 | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .6 | 6.3 | 13.1 | 24.8 | 23.9 | 17.7 | 9.3 | 2.9 | 1.3 | .2 | | | | | | | | | | | | | | | | | | | | | | 900 | | 900 | | | | | |
| Element (X) | Σ x' | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | | Σ x | | |
| Rel. Hum. | 4273884 | | | 60788 | | | 67.5 | | | 13.675 | | | 900 | | | ≤ 0 F | | | ≤ 32 F | | | ≥ 67 F | | | ≥ 73 F | | | ≥ 80 F | | | ≥ 93 F | | | Total | | | | | |
| Dry Bulb | 4693279 | | | 64725 | | | 71.9 | | | 6.536 | | | 900 | | | | | | | | | 72.7 | | | 49.3 | | | 6.9 | | | | | | | | | | | |
| Wet Bulb | 3033275 | | | 58383 | | | 64.9 | | | 7.151 | | | 900 | | | | | | | | | 45.2 | | | 10.1 | | | | | | | | | | | | | | |
| Dew Point | 3338979 | | | 54141 | | | 60.2 | | | 9.553 | | | 900 | | | 1.0 | | | 25.6 | | | 1.9 | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-8

YEARS

NOV

MONTH

PAGE 1

1870-2700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point |
| 62/ 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | |
| 72/ 77 | | .3 | .6 | .2 | .2 | | | | | | | | | | | | | 12 | 12 | |
| 76/ 75 | | 1.3 | 3.8 | 1.1 | .2 | .1 | | | | | | | | | | | | 56 | 56 | 4 |
| 74/ 72 | | 3.5 | 4.8 | 2.3 | 1.4 | .1 | | | | | | | | | | | | 109 | 109 | 4 |
| 72/ 71 | .1 | 5.1 | 4.9 | 1.9 | 1.4 | | | | | | | | | | | | | 170 | 127 | 7 |
| 70/ 69 | .4 | 3.3 | 5.7 | 2.3 | 2.9 | 1.7 | | | | | | | | | | | | 145 | 145 | 84 |
| 68/ 67 | .1 | 3.9 | 3.9 | 1.9 | 1.2 | .6 | .1 | | | | | | | | | | | 105 | 105 | 87 |
| 66/ 65 | | 3.9 | 2.2 | .3 | 1.7 | .6 | | | | | | | | | | | | 76 | 76 | 107 |
| 64/ 63 | .2 | 2.9 | 1.3 | 1.6 | .6 | .2 | | | | | | | | | | | | 61 | 61 | 74 |
| 62/ 61 | | 1.8 | 1.1 | .3 | .4 | .1 | | | | | | | | | | | | 38 | 38 | 61 |
| 60/ 59 | | .8 | 1.1 | .7 | .7 | .2 | .1 | | | | | | | | | | | 22 | 32 | 66 |
| 58/ 57 | | .7 | .7 | .4 | .4 | | .1 | | | | | | | | | | | 24 | 24 | 47 |
| 56/ 55 | | .7 | .9 | .6 | .2 | .3 | .1 | | | | | | | | | | | 30 | 37 | 49 |
| 54/ 53 | | .7 | .1 | .4 | .2 | | | | | | | | | | | | | 18 | 19 | 35 |
| 52/ 51 | | .9 | 1.0 | .4 | .1 | | | | | | | | | | | | | 22 | 22 | 27 |
| 50/ 49 | .1 | .2 | 1.1 | .4 | | .1 | | | | | | | | | | | | 18 | 12 | 33 |
| 48/ 47 | | 1.1 | .3 | .6 | | | | | | | | | | | | | | 17 | 17 | 24 |
| 46/ 45 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 19 |
| 44/ 43 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | 19 |
| 42/ 41 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 22 |
| 40/ 39 | | | | .7 | | | | | | | | | | | | | | 2 | 2 | 14 |
| 38/ 37 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 14 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 4 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 4 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 32.0 | 33.7 | 16.8 | 12.7 | 3.3 | .4 | | | | | | | | | | | 898 | 898 | 898 |

| Element (X) | Z _g | Z _g | X | C _g | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| Rel. Hum. | 5353120 | 71710 | 79.9 | 11.885 | 898 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Dry Bulb | 3998979 | 59539 | 66.3 | 7.611 | 898 | | | 54.9 | 17.8 | | |
| Wet Bulb | 3557866 | 56062 | 62.4 | 8.036 | 898 | | | 32.5 | 3.5 | | |
| Dew Point | 3282649 | 53621 | 59.7 | 9.494 | 898 | | | 23.9 | 1.2 | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6

5

25

STATION

STATION NAME

YEARS

MONTH

CASE :

71-27

HOURS (L, S, T.)

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

1 080 KENNEDY SPACE CENTER FL

69-70, 73-81

YEARS

NOV

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 87 | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | 10 | 10 | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | 39 | 39 | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | 117 | 117 | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | 245 | 245 | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | 401 | 401 | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | 537 | 537 | 73 | 10 | | | | |
| 73 | | | | | | | | | | | | | | | | | | 766 | 766 | 3-1 | 27 | | | | |
| 71 | | | | | | | | | | | | | | | | | | 779 | 779 | 851 | 42 | | | | |
| 69 | | | | | | | | | | | | | | | | | | 814 | 814 | 836 | 63 | | | | |
| 67 | | | | | | | | | | | | | | | | | | 835 | 835 | 855 | 67 | | | | |
| 65 | | | | | | | | | | | | | | | | | | 856 | 856 | 879 | 73 | | | | |
| 63 | | | | | | | | | | | | | | | | | | 878 | 878 | 814 | 74 | | | | |
| 61 | | | | | | | | | | | | | | | | | | 914 | 914 | 573 | 73 | | | | |
| 59 | | | | | | | | | | | | | | | | | | 272 | 272 | 442 | 51 | | | | |
| 57 | | | | | | | | | | | | | | | | | | 232 | 232 | 302 | 43 | | | | |
| 55 | | | | | | | | | | | | | | | | | | 168 | 168 | 242 | 34 | | | | |
| 53 | | | | | | | | | | | | | | | | | | 172 | 172 | 192 | 26 | | | | |
| 51 | | | | | | | | | | | | | | | | | | 148 | 148 | 279 | 26 | | | | |
| 49 | | | | | | | | | | | | | | | | | | 136 | 136 | 222 | 22 | | | | |
| 47 | | | | | | | | | | | | | | | | | | 97 | 97 | 172 | 17 | | | | |
| 45 | | | | | | | | | | | | | | | | | | 47 | 47 | 142 | 16 | | | | |
| 43 | | | | | | | | | | | | | | | | | | 59 | 59 | 113 | 13 | | | | |
| 41 | | | | | | | | | | | | | | | | | | 37 | 37 | 91 | 14 | | | | |
| 39 | | | | | | | | | | | | | | | | | | 19 | 19 | 47 | 12 | | | | |
| 37 | | | | | | | | | | | | | | | | | | 14 | 14 | 15 | 9 | | | | |
| 35 | | | | | | | | | | | | | | | | | | 3 | 3 | 12 | - | | | | |
| 33 | | | | | | | | | | | | | | | | | | 2 | 2 | 12 | - | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | 12 | 3 | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 17490 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

59-71, 73-87

YEARS

MONTH

HOURS (L, S, T,)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 71.5 | 7.4 | 32.6 | 11.6 | 15.4 | 17.7 | 7.3 | 4.3 | 1.2 | .3 | .1 | | | | | | | | 71.5 | 71.5 | | 71.5 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 71.5 | | 71.5 | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------|
| 17-80 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

62-77, 78-79

YFAB9

530

MONTH

FACF 1

22-10

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 0300-05
HOURS (L. S. T.)

[illegible]

USAFETAC FORM JUL 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|-------------------------|
| 1.000 | KENNEDY SPACE CENTER FL |

68-70, 73-79

YEARS

DEC
MONTH

PAGE 1 100-131
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 7 / 77 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 7 / 73 | | .4 | .1 | | | | | | | | | | | | | | | 6 | 6 | | | | | | |
| 7 / 71 | .1 | 1.7 | .4 | .3 | .1 | | | | | | | | | | | | | 25 | 25 | 1 | 7 | | | | |
| 7 / 69 | .3 | 3.3 | 1.4 | .8 | .5 | | | | | | | | | | | | | 59 | 59 | 20 | 27 | | | | |
| 7 / 67 | 1.1 | 4.2 | 1.9 | 1.1 | 1.3 | | | | | | | | | | | | | 81 | 81 | 31 | 40 | | | | |
| 6 / 65 | 1.7 | 4.9 | 1.4 | .9 | .7 | | | | | | | | | | | | | 78 | 78 | 36 | 34 | | | | |
| 4 / 63 | 1.3 | 4.5 | 1.3 | 1.3 | .1 | | | | | | | | | | | | | 75 | 75 | 32 | 7 | | | | |
| 7 / 61 | 1.4 | 3.3 | .3 | .4 | .5 | | | | | | | | | | | | | 64 | 64 | 24 | 6 | | | | |
| 7 / 59 | 1.4 | 5.4 | .8 | | .1 | | | | | | | | | | | | | 75 | 75 | 33 | 3 | | | | |
| 7 / 57 | 1.1 | 4.7 | .8 | .4 | .1 | | | | | | | | | | | | | 66 | 66 | 77 | 37 | | | | |
| 5 / 55 | .3 | 3.1 | .8 | .1 | | | | | | | | | | | | | | 42 | 42 | 53 | 63 | | | | |
| 7 / 53 | .5 | 2.5 | .5 | .3 | | | | | | | | | | | | | | 36 | 36 | 46 | 47 | | | | |
| 7 / 51 | .5 | 2.9 | 1.7 | .2 | | | | | | | | | | | | | | 50 | 50 | 73 | 41 | | | | |
| 7 / 49 | .3 | 4.3 | .5 | .4 | .2 | | | | | | | | | | | | | 64 | 64 | 41 | 39 | | | | |
| 7 / 47 | .4 | 2.7 | .5 | .5 | .1 | | | | | | | | | | | | | 40 | 40 | 53 | 46 | | | | |
| 7 / 45 | .5 | 2.2 | 1.7 | .3 | | | | | | | | | | | | | | 39 | 39 | 42 | 43 | | | | |
| 4 / 43 | .2 | 1.6 | 1.1 | .9 | .1 | | | | | | | | | | | | | 36 | 36 | 37 | 46 | | | | |
| 2 / 41 | .1 | 1.2 | 1.7 | .3 | .1 | | | | | | | | | | | | | 25 | 25 | 32 | 18 | | | | |
| 4 / 39 | .4 | 1.1 | 1.3 | .8 | | | | | | | | | | | | | | 33 | 33 | 23 | 24 | | | | |
| 7 / 37 | .2 | .3 | .3 | .4 | | | | | | | | | | | | | | 16 | 16 | 32 | 27 | | | | |
| 7 / 35 | .2 | .8 | .3 | | | | | | | | | | | | | | | 12 | 12 | 21 | 2 | | | | |
| 3 / 33 | .3 | .2 | .2 | | | | | | | | | | | | | | | 6 | 6 | 19 | 27 | | | | |
| 7 / 31 | .1 | .2 | .2 | | | | | | | | | | | | | | | 5 | 5 | 7 | 10 | | | | |
| 7 / 29 | | | | | | | | | | | | | | | | | | | | 4 | 12 | | | | |
| 7 / 27 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 3 | | | | |
| 7 / 25 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | |
| 4 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 12.3 | 56.8 | 17.7 | 9.6 | 3.7 | | | | | | | | | | | | | | 930 | | 930 | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-78 STATION KENNEDY SPACE CENTER FL 68-70, 73-79 YEARS MONTH HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 77 / 77 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | | | | | |
| 76 / 77 | | | .1 | .5 | .1 | | | | | | | | | | | | | 7 | 7 | | | | | | |
| 75 / 77 | | | .3 | .9 | .3 | | .1 | | | | | | | | | | | 15 | 15 | | | | | | |
| 74 / 75 | | .3 | 1.1 | 2.2 | 1.7 | 1.5 | .7 | | | | | | | | | | | 19 | 19 | | | | | | |
| 73 / 73 | | .5 | 1.6 | 1.7 | 2.2 | 1.7 | .3 | .1 | | | | | | | | | | 52 | 52 | 17 | | | | | |
| 72 / 71 | .1 | 2.2 | 3.1 | 1.5 | 2.3 | 1.1 | .1 | | | | | | | | | | | 16 | 46 | 72 | 27 | | | | |
| 71 / 69 | .1 | 2.6 | 4.2 | 2.2 | 1.4 | 1.7 | .4 | | | | | | | | | | | 110 | 110 | 32 | 45 | | | | |
| 70 / 67 | .4 | 2.7 | 3.1 | 1.5 | 2.2 | .6 | .2 | .1 | | | | | | | | | | 65 | 65 | 43 | 54 | | | | |
| 69 / 65 | .3 | 2.6 | 1.4 | 1.3 | .3 | .5 | .2 | .2 | | | | | | | | | | 63 | 68 | 113 | 67 | | | | |
| 68 / 63 | .1 | 2.7 | 1.2 | 1.3 | 1.4 | .4 | | | | | | | | | | | | 72 | 72 | 47 | 71 | | | | |
| 67 / 61 | .1 | 1.6 | .3 | 1.6 | 1.5 | .3 | .2 | .1 | .1 | | | | | | | | | 61 | 61 | 76 | 37 | | | | |
| 66 / 59 | .1 | 1.1 | 1.5 | .6 | 1.7 | .4 | | | | | | | | | | | | 47 | 47 | 65 | 66 | | | | |
| 65 / 57 | .1 | 1.4 | 1.4 | .3 | .5 | .4 | .4 | .1 | | | | | | | | | | 49 | 49 | 50 | 51 | | | | |
| 64 / 55 | | 1.2 | 1.7 | 1.7 | .3 | .4 | | | | | | | | | | | | 42 | 42 | 60 | 57 | | | | |
| 63 / 53 | | .2 | .3 | 1.2 | .5 | .3 | .1 | | | | | | | | | | | 31 | 31 | 51 | 56 | | | | |
| 62 / 51 | | .6 | .8 | .3 | 1.1 | .1 | | | | | | | | | | | | 21 | 31 | 38 | 49 | | | | |
| 61 / 49 | | .1 | .5 | 1.1 | .4 | .2 | | | | | | | | | | | | 12 | 22 | 23 | 41 | | | | |
| 60 / 47 | | | .4 | 1.1 | .7 | .2 | | | | | | | | | | | | 21 | 21 | 23 | 36 | | | | |
| 59 / 45 | | | .1 | .5 | .2 | .1 | | | | | | | | | | | | 9 | 9 | 23 | 37 | | | | |
| 58 / 43 | | .1 | .3 | .6 | .4 | | | | | | | | | | | | | 14 | 14 | 20 | 27 | | | | |
| 57 / 41 | | | .1 | .4 | | | | | | | | | | | | | | 6 | 6 | 19 | 24 | | | | |
| 56 / 39 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 14 | 21 | | | | |
| 55 / 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 | 17 | | | | |
| 54 / 35 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 7 | 17 | | | | |
| 53 / 33 | | | | | | | | | | | | | | | | | | | | 2 | 17 | | | | |
| 52 / 31 | | | | | | | | | | | | | | | | | | | | 1 | 16 | | | | |
| 51 / 29 | | | | | | | | | | | | | | | | | | | | | 14 | | | | |
| 50 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.4 | 19.2 | 25.3 | 23.5 | 17.5 | 3.7 | 2.4 | .7 | .1 | | | | | | | | | 930 | 930 | 930 | 930 | | | | |
| Element (X) | Σ X' | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel. Hum. | 5136542 | | 68152 | | 73.3 | | 14.385 | | 930 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | |
| Dry Bulb | 3911348 | | 59776 | | 64.3 | | 8.633 | | 930 | | | | | | 45.2 | | 15.1 | | .4 | | | | 62 | | |
| Wet Bulb | 3334726 | | 55652 | | 59.2 | | 8.996 | | 930 | | | | .1 | | 20.7 | | 2.7 | | | | | | 93 | | |
| Dew Point | 2944929 | | 51289 | | 55.1 | | 11.192 | | 930 | | | | 4.3 | | 12.2 | | .3 | | | | | | 53 | | |

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1. STATION KENNEDY SPACE CENTER FL
STATION NAME

68-77, 73-79
YEARS

DEC
MONTH

PAGE 1 1270-140
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|------------------------------------|----------|-----------|--------|--------|--------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | O.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 47 / 93 | | | | | .8 | .2 | .4 | | | | | | | | | | | 9 | 9 | | | | | | |
| 7 / 79 | | | | .2 | .3 | .5 | .1 | | | | | | | | | | | 13 | 13 | | | | | | |
| 7 / 77 | | | .1 | .3 | 1.1 | .6 | .2 | .2 | .1 | | | | | | | | | 29 | 29 | | | | | | |
| 7 / 75 | | | .3 | 1.2 | 3.7 | .9 | 1.2 | .1 | | | | | | | | | | 68 | 68 | | | | | | |
| 47 / 73 | | | .4 | 2.7 | 4.8 | 3.4 | 1.3 | .3 | | | | | | | | | | 171 | 171 | 7 | | | | | |
| 47 / 71 | | .1 | 1.1 | 1.3 | 2.6 | 2.8 | .9 | .1 | | | | | | | | | | 97 | 27 | 75 | 2 | | | | |
| 7 / 69 | | .9 | 2.7 | 1.7 | 2.7 | 1.9 | 1.7 | | | | | | | | | | | 102 | 102 | 41 | 21 | | | | |
| 7 / 67 | | 1.1 | 1.4 | 1.7 | 1.6 | 2.2 | 1.4 | .2 | | .3 | | | | | | | | 91 | 91 | 95 | 33 | | | | |
| 67 / 65 | | .5 | 1.7 | .9 | 3.1 | 1.5 | .3 | .5 | .3 | | | | | | | | | 72 | 72 | 64 | 67 | | | | |
| 67 / 63 | | 1.3 | .8 | .4 | 2.8 | 1.1 | .9 | .3 | .6 | | | | | | | | | 77 | 77 | 111 | 71 | | | | |
| 47 / 61 | .1 | 1.2 | .3 | .8 | .4 | 1.1 | .4 | .5 | .1 | | | | | | | | | 49 | 49 | 100 | 75 | | | | |
| 7 / 59 | | .3 | | .3 | 2.8 | 1.0 | .5 | .3 | | | | | | | | | | 46 | 46 | 64 | 97 | | | | |
| 7 / 57 | | .4 | .4 | .2 | 1.3 | .8 | .2 | .3 | .2 | | | | | | | | | 44 | 44 | 75 | 87 | | | | |
| 57 / 55 | | .2 | .3 | .6 | 1.2 | .6 | .3 | .2 | | | | | | | | | | 34 | 34 | 46 | 59 | | | | |
| 47 / 53 | | .6 | .1 | .9 | .8 | .8 | .4 | | | | | | | | | | | 31 | 31 | 34 | 35 | | | | |
| 7 / 51 | | | .1 | .6 | .5 | .3 | .3 | .2 | | | | | | | | | | 22 | 22 | 58 | 57 | | | | |
| 7 / 49 | | .2 | | .5 | .2 | .2 | .2 | | .1 | | | | | | | | | 15 | 15 | 49 | 53 | | | | |
| 47 / 47 | | | | | .3 | .3 | | | | | | | | | | | | 11 | 11 | 33 | 35 | | | | |
| 47 / 45 | | | | | | | | | | | | | | | | | | 6 | 6 | 30 | 35 | | | | |
| 47 / 43 | | | | .3 | | | | | | | | | | | | | | | | 28 | 32 | | | | |
| 27 / 41 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 14 | 41 | | | | |
| 47 / 39 | | | | | | | | | | | | | | | | | | 1 | 1 | 9 | 18 | | | | |
| 27 / 37 | | | | | | | | | | | | | | | | | | | | 9 | 21 | | | | |
| 27 / 35 | | | | | | | | | | | | | | | | | | | | 4 | 23 | | | | |
| 27 / 33 | | | | | | | | | | | | | | | | | | | | 1 | 19 | | | | |
| 27 / 31 | | | | | | | | | | | | | | | | | | | | | 11 | | | | |
| 27 / 29 | | | | | | | | | | | | | | | | | | | | | 15 | | | | |
| 27 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 / 25 | | | | | | | | | | | | | | | | | | | | | 11 | | | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 27 / 21 | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 7 / 19 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 17 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Σ | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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/

1200-140
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15800 KENNEDY SPACE CENTER FL
STATION STATION NAME

68-70, 73-79
YEARS

DEC
MONTH

PAGE 1 1580-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|------|----------|----------|-----------|--|--------|--|--|--|--------|--|--|--|--------|--|--------------------|-------|--------|----|----|--|--------|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66/ 35 | | | | | | | | .1 | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 64/ 33 | | | | | | | .3 | | | | | | | | | | | 2 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 62/ 31 | | | | .5 | .2 | .1 | .3 | .2 | | | | | | | | | | 13 | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | |
| 60/ 29 | | | | .4 | .3 | .3 | .1 | | | .1 | | | | | | | | 11 | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | |
| 70/ 77 | | | .9 | .9 | 1.6 | .6 | .3 | | .1 | | | | | | | | | 37 | | | | | | | | | | | | | | 37 | | | | | | | | | | | | | |
| 70/ 75 | | .1 | 1.3 | 1.3 | 2.0 | 1.7 | .3 | .1 | | | | | | | | | | 62 | | | | | | | | | | | | | | 62 | | | 1 | | | | | | | | | | |
| 74/ 73 | | .2 | 2.2 | 3.4 | 1.6 | 1.4 | .6 | .1 | | | | | | | | | | 39 | | | | | | | | | | | | | | 89 | 17 | | 7 | | | | | | | | | | |
| 70/ 71 | | 1.1 | 4.5 | 2.3 | 2.2 | .5 | .2 | .1 | | .1 | | | | | | | | 111 | | | | | | | | | | | | | | 111 | 39 | | 17 | | | | | | | | | | |
| 70/ 69 | | 2.2 | 3.3 | 2.4 | 2.4 | 1.3 | 1.1 | .1 | .6 | | | | | | | | | 124 | | | | | | | | | | | | | | 124 | 78 | | 41 | | | | | | | | | | |
| 68/ 67 | | 1.1 | 2.3 | 1.6 | 1.4 | 1.2 | .1 | .2 | .6 | .1 | | | | | | | | 65 | | | | | | | | | | | | | | 65 | 101 | | 71 | | | | | | | | | | |
| 66/ 65 | | 1.2 | 1.3 | 1.7 | 1.9 | 1.2 | .9 | .1 | .3 | .1 | | | | | | | | 75 | | | | | | | | | | | | | | 75 | 86 | | 75 | | | | | | | | | | |
| 64/ 63 | .1 | 1.3 | 1.3 | 2.2 | 1.0 | .9 | .2 | .2 | .1 | .1 | | | | | | | | 64 | | | | | | | | | | | | | | 64 | 101 | | 60 | | | | | | | | | | |
| 62/ 61 | .1 | .9 | .5 | 1.5 | 1.3 | .2 | .4 | .4 | .3 | | | | | | | | | 58 | | | | | | | | | | | | | | 58 | 56 | | 69 | | | | | | | | | | |
| 60/ 59 | | 1.1 | .3 | 2.2 | 1.9 | 1.2 | 1.1 | .2 | .1 | | | | | | | | | 72 | | | | | | | | | | | | | | 72 | 76 | | 75 | | | | | | | | | | |
| 58/ 57 | | .2 | .6 | .6 | 1.2 | .8 | .3 | .2 | .3 | | | | | | | | | 36 | | | | | | | | | | | | | | 36 | 55 | | 50 | | | | | | | | | | |
| 56/ 55 | | .2 | .1 | .6 | 1.4 | .6 | .3 | .1 | .3 | | | | | | | | | 34 | | | | | | | | | | | | | | 34 | 46 | | 49 | | | | | | | | | | |
| 54/ 53 | | .1 | | .3 | .4 | .3 | .1 | .3 | | | | | | | | | | 20 | | | | | | | | | | | | | | 20 | 57 | | 56 | | | | | | | | | | |
| 52/ 51 | | .1 | | .4 | .4 | .4 | .1 | | | | | | | | | | | 15 | | | | | | | | | | | | | | 15 | 44 | | 30 | | | | | | | | | | |
| 50/ 49 | | | .1 | .3 | .2 | .4 | | | | | | | | | | | | 10 | | | | | | | | | | | | | | 10 | 37 | | 50 | | | | | | | | | | |
| 48/ 47 | | | .3 | | .3 | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | 4 | 42 | | 39 | | | | | | | | | | |
| 46/ 45 | | .1 | | | .1 | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | 4 | 19 | | 20 | | | | | | | | | | |
| 44/ 43 | | .2 | | | | .1 | | | | | | | | | | | | 3 | | | | | | | | | | | | | | 3 | 16 | | 24 | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | | 24 | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | 3 | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 25 | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 14 | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Element (X) | Σ X' | | | Σ X | | | Σ | | | Σ | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≥ 0 F | | | | | | ≥ 32 F | | | | ≥ 67 F | | | | ≥ 73 F | | | | ≥ 80 F | | | | ≥ 93 F | | | | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

66

PSYCHROMETRIC SUMMARY

17280
STATION

KENNEDY SPACE CENTER FL

STATION NAME

68-7", 73-79

YEARS

650

MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

1500-1700
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

5

YEARS

63-70, 73-79

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PAGE 1

MONTH
10-1-1962
HOURS (L. S. T.)

JSAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| <u>17-96</u> | <u>KENNEDY SPACE CENTER FL</u> |
|--------------|--------------------------------|
| STATION | STATION NAME |

69-72, 73-74

YEARS

235

MONTH

PAGE 1

31 - 230

HOURS (L. S. T.)

[illegible]

YEARS

63-70, 73-79

LFC

PAGE 1

MONTH

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------------------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 67/ 85 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 67/ 83 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 67/ 81 | | | | | | | | | | | | | | | | | | 28 | 29 | | | | | |
| 67/ 79 | | | | | | | | | | | | | | | | | | 48 | 44 | | | | | |
| 67/ 77 | | | | | | | | | | | | | | | | | | 123 | 123 | 1 | | | | |
| 67/ 75 | | | | | | | | | | | | | | | | | | 269 | 269 | 15 | | | | |
| 67/ 73 | | | | | | | | | | | | | | | | | | 293 | 293 | 77 | | | | |
| 67/ 71 | | | | | | | | | | | | | | | | | | 494 | 484 | 169 | | | | |
| 67/ 69 | | | | | | | | | | | | | | | | | | 717 | 717 | 393 | | | | |
| 67/ 67 | | | | | | | | | | | | | | | | | | 715 | 715 | 640 | | | | |
| 67/ 65 | | | | | | | | | | | | | | | | | | 660 | 660 | 678 | | | | |
| 67/ 63 | | | | | | | | | | | | | | | | | | 580 | 580 | 747 | | | | |
| 67/ 61 | | | | | | | | | | | | | | | | | | 497 | 497 | 633 | | | | |
| 67/ 59 | | | | | | | | | | | | | | | | | | 465 | 465 | 616 | | | | |
| 67/ 57 | | | | | | | | | | | | | | | | | | 387 | 387 | 499 | | | | |
| 67/ 55 | | | | | | | | | | | | | | | | | | 326 | 326 | 450 | | | | |
| 67/ 53 | | | | | | | | | | | | | | | | | | 287 | 287 | 366 | | | | |
| 67/ 51 | | | | | | | | | | | | | | | | | | 292 | 292 | 347 | | | | |
| 67/ 49 | | | | | | | | | | | | | | | | | | 251 | 251 | 341 | | | | |
| 67/ 47 | | | | | | | | | | | | | | | | | | 214 | 214 | 271 | | | | |
| 67/ 45 | | | | | | | | | | | | | | | | | | 180 | 180 | 259 | | | | |
| 67/ 43 | | | | | | | | | | | | | | | | | | 152 | 152 | 236 | | | | |
| 67/ 41 | | | | | | | | | | | | | | | | | | 122 | 122 | 203 | | | | |
| 67/ 39 | | | | | | | | | | | | | | | | | | 104 | 104 | 184 | | | | |
| 67/ 37 | | | | | | | | | | | | | | | | | | 71 | 71 | 154 | | | | |
| 67/ 35 | | | | | | | | | | | | | | | | | | 42 | 42 | 83 | | | | |
| 67/ 33 | | | | | | | | | | | | | | | | | | 28 | 28 | 57 | | | | |
| 67/ 31 | | | | | | | | | | | | | | | | | | 15 | 15 | 30 | | | | |
| 67/ 29 | | | | | | | | | | | | | | | | | | 4 | 4 | 17 | | | | |
| 67/ 27 | | | | | | | | | | | | | | | | | | 6 | 6 | 7 | | | | |
| 67/ 25 | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | | | |
| 67/ 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 67/ 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 67/ 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Num. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

64

YEARS

65-71, 73-79

670

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| <u>1 000</u> | <u>KENNEDY SPACE CENTER FL</u> |
|--------------|--------------------------------|
| STATION | STATION NAME |

64-75, 73-8

ALL

YEARS

MONTH

PAGE 1

611

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

ALL

MONTH

0467 -

414

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| / 17 | | .2 | .3 | | | | | | | | | | | | | | | 19 | 19 | 40 | 20 | |
| / 25 | | .5 | .7 | | | | | | | | | | | | | | | 5 | 5 | 34 | 157 | |
| / 27 | | | | | | | | | | | | | | | | | | | | | 17 | |
| / 21 | | | | | | | | | | | | | | | | | | | | | 7 | |
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| - / -3 | | | | | | | | | | | | | | | | | | | | | | |
| T/L | 1.7 | 31.6 | 19.7 | 15.9 | 13.6 | 9.3 | 4.3 | 1.7 | .7 | .2 | .1 | . | . | . | . | . | . | | 87622 | | 87622 | |
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JSAFETAC FORM NA 64 0.26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12846 KENNEDY SPACE CENTER FL

68-70,73-80

| STATION | | STATION NAME | | | | | | | | | | | | | | | YEARS | | | | | | | | | | | | |
|-----------|------------|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|
| HRS. OBS. | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | | | | | |
| 6-00 | MEAN | 56.5 | 54.3 | 62.2 | 66.1 | 71.2 | 74.6 | 75.9 | 75.8 | 75.9 | 71.4 | 63.8 | 57.8 | 67.2 | | | | | | | | | | | | | | | |
| | S.D. | 9.799 | 9.406 | 7.634 | 6.544 | 3.982 | 3.131 | 3.142 | 2.682 | 2.868 | 6.540 | 6.665 | 9.868 | 10.263 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 930 | 846 | 928 | 900 | 929 | 900 | 930 | 930 | 900 | 929 | 900 | 930 | 10952 | | | | | | | | | | | | | | | |
| 3-05 | MEAN | 55.2 | 53.4 | 60.8 | 64.7 | 69.6 | 73.1 | 74.6 | 74.6 | 74.6 | 70.4 | 62.8 | 56.9 | 66.0 | | | | | | | | | | | | | | | |
| | S.D. | 9.656 | 9.391 | 7.706 | 6.667 | 4.416 | 3.205 | 3.132 | 2.755 | 3.044 | 6.610 | 8.662 | 9.712 | 10.218 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 930 | 846 | 927 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 | | | | | | | | | | | | | | | |
| 6-08 | MEAN | 54.7 | 53.3 | 61.5 | 67.1 | 73.0 | 76.8 | 78.1 | 77.6 | 76.6 | 71.5 | 63.1 | 56.6 | 67.6 | | | | | | | | | | | | | | | |
| | S.D. | 10.257 | 9.743 | 7.889 | 6.470 | 4.819 | 4.134 | 4.055 | 4.008 | 3.841 | 6.366 | 8.579 | 10.009 | 11.428 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 930 | 846 | 927 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 | | | | | | | | | | | | | | | |
| 9-11 | MEAN | 62.0 | 61.7 | 69.8 | 75.1 | 79.8 | 83.3 | 85.1 | 84.7 | 83.6 | 78.3 | 71.0 | 64.3 | 74.9 | | | | | | | | | | | | | | | |
| | S.D. | 10.330 | 8.720 | 7.219 | 4.457 | 3.370 | 3.200 | 2.876 | 2.614 | 2.739 | 4.377 | 7.545 | 8.633 | 10.485 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 929 | 900 | 930 | 10955 | | | | | | | | | | | | | | | |
| 12-14 | MEAN | 66.3 | 65.9 | 73.0 | 77.4 | 81.2 | 84.7 | 86.7 | 86.2 | 85.2 | 80.1 | 73.9 | 68.4 | 77.5 | | | | | | | | | | | | | | | |
| | S.D. | 9.547 | 8.782 | 7.341 | 4.776 | 4.052 | 3.668 | 3.801 | 3.054 | 2.981 | 4.138 | 6.843 | 7.860 | 9.555 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 | | | | | | | | | | | | | | | |
| 15-17 | MEAN | 65.3 | 65.1 | 71.8 | 76.3 | 79.5 | 82.7 | 84.6 | 84.1 | 83.2 | 78.3 | 71.9 | 66.9 | 75.9 | | | | | | | | | | | | | | | |
| | S.D. | 8.824 | 8.420 | 7.025 | 4.669 | 4.229 | 4.136 | 4.492 | 3.912 | 3.146 | 3.969 | 6.536 | 7.360 | 9.187 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 | | | | | | | | | | | | | | | |
| 18-20 | MEAN | 59.3 | 59.2 | 66.5 | 71.1 | 75.5 | 78.8 | 80.3 | 79.8 | 79.0 | 73.8 | 66.3 | 60.8 | 71.0 | | | | | | | | | | | | | | | |
| | S.D. | 8.814 | 8.492 | 7.107 | 4.953 | 3.569 | 3.528 | 3.713 | 3.077 | 2.470 | 4.709 | 7.611 | 9.095 | 9.856 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 930 | 846 | 930 | 899 | 930 | 900 | 930 | 930 | 900 | 928 | 898 | 927 | 10948 | | | | | | | | | | | | | | | |
| 21-23 | MEAN | 57.5 | 55.7 | 63.6 | 67.7 | 72.9 | 76.1 | 77.2 | 77.2 | 77.1 | 72.3 | 64.5 | 58.9 | 68.5 | | | | | | | | | | | | | | | |
| | S.D. | 9.609 | 9.421 | 7.748 | 6.273 | 3.581 | 3.044 | 3.088 | 2.559 | 2.502 | 5.877 | 8.412 | 10.087 | 10.242 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 929 | 897 | 927 | 10949 | | | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 59.6 | 58.6 | 66.1 | 70.7 | 75.4 | 78.8 | 80.3 | 80.0 | 79.4 | 74.5 | 67.2 | 61.3 | 71.1 | | | | | | | | | | | | | | | |
| | S.D. | 10.511 | 10.271 | 8.730 | 7.333 | 5.740 | 5.385 | 5.594 | 5.192 | 4.804 | 6.488 | 8.914 | 10.098 | 10.995 | | | | | | | | | | | | | | | |
| | TOTAL OBS. | 7440 | 6768 | 7432 | 7199 | 7439 | 7200 | 7440 | 7440 | 7200 | 7435 | 7195 | 7434 | 87622 | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10-86 KENNEDY SPACE CENTER FL

68-70,73-80

| HR | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| MEAN | 54.3 | 52.0 | 59.5 | 62.7 | 68.2 | 72.3 | 73.8 | 73.9 | 73.7 | 67.7 | 61.0 | 55.3 | 64.6 |
| S.D. | 10.097 | 9.548 | 8.222 | 6.571 | 4.189 | 2.614 | 2.628 | 2.257 | 2.239 | 6.232 | 8.686 | 9.857 | 10.321 |
| TOTAL OBS | 930 | 846 | 928 | 900 | 929 | 900 | 930 | 930 | 900 | 929 | 900 | 930 | 10952 |
| MEAN | 53.2 | 51.3 | 58.7 | 61.9 | 67.2 | 71.4 | 73.0 | 73.1 | 72.9 | 67.1 | 60.3 | 54.7 | 63.8 |
| S.D. | 10.197 | 9.529 | 8.000 | 6.646 | 4.468 | 2.867 | 2.787 | 2.409 | 2.508 | 6.255 | 8.797 | 9.790 | 10.334 |
| TOTAL OBS | 930 | 846 | 927 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| MEAN | 52.3 | 51.3 | 59.1 | 63.4 | 69.3 | 73.6 | 75.1 | 74.9 | 74.2 | 67.8 | 60.6 | 54.5 | 64.8 |
| S.D. | 10.548 | 9.930 | 8.221 | 6.276 | 4.354 | 2.869 | 2.792 | 2.713 | 2.773 | 5.989 | 8.733 | 10.143 | 11.042 |
| TOTAL OBS | 930 | 846 | 927 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| MEAN | 57.5 | 56.2 | 62.9 | 66.3 | 71.5 | 75.5 | 77.3 | 77.4 | 76.8 | 70.7 | 64.7 | 59.2 | 68.1 |
| S.D. | 10.626 | 9.005 | 7.656 | 5.355 | 3.695 | 2.065 | 1.840 | 1.625 | 1.860 | 4.765 | 7.747 | 8.995 | 9.835 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 929 | 900 | 930 | 10955 |
| MEAN | 59.2 | 57.7 | 63.8 | 66.9 | 71.8 | 76.0 | 77.5 | 77.8 | 77.1 | 71.1 | 65.6 | 60.7 | 68.8 |
| S.D. | 9.745 | 8.565 | 7.418 | 5.300 | 3.761 | 2.158 | 2.099 | 1.747 | 1.871 | 4.665 | 7.168 | 8.329 | 9.260 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| MEAN | 58.9 | 57.4 | 63.6 | 66.6 | 71.4 | 75.4 | 77.1 | 77.0 | 76.5 | 70.6 | 64.9 | 60.3 | 68.4 |
| S.D. | 9.239 | 8.229 | 7.167 | 5.123 | 3.675 | 2.354 | 2.304 | 1.976 | 1.840 | 4.523 | 7.151 | 8.189 | 9.079 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| MEAN | 56.4 | 55.1 | 61.8 | 65.2 | 70.1 | 74.2 | 75.7 | 75.6 | 75.0 | 68.7 | 62.4 | 57.4 | 66.5 |
| S.D. | 9.520 | 8.692 | 7.472 | 5.502 | 3.774 | 2.339 | 2.257 | 1.942 | 1.840 | 5.172 | 8.036 | 9.351 | 9.690 |
| TOTAL OBS | 930 | 846 | 930 | 899 | 930 | 900 | 930 | 930 | 900 | 928 | 898 | 927 | 10948 |
| MEAN | 54.9 | 52.9 | 60.5 | 63.5 | 69.1 | 73.1 | 74.5 | 74.5 | 74.3 | 67.9 | 61.3 | 56.0 | 65.3 |
| S.D. | 9.989 | 9.578 | 8.100 | 6.426 | 3.997 | 2.392 | 2.306 | 2.024 | 1.978 | 5.854 | 8.601 | 10.094 | 10.237 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 929 | 897 | 927 | 10949 |
| MEAN | 55.9 | 54.2 | 61.2 | 64.6 | 69.8 | 74.0 | 75.5 | 75.6 | 75.1 | 69.0 | 62.6 | 57.3 | 66.3 |
| S.D. | 10.265 | 9.489 | 7.996 | 6.196 | 4.290 | 2.916 | 2.873 | 2.647 | 2.588 | 5.671 | 8.379 | 9.662 | 10.155 |
| TOTAL OBS | 7440 | 6768 | 7432 | 7199 | 7439 | 7200 | 7440 | 7440 | 7200 | 7435 | 7195 | 7434 | 87622 |



USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12-86 KENNEDY SPACE CENTER FL

68-70,73-80

STATION

STATION NAME

YEARS

| HRS. LST. | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| MEAN | 52.4 | 49.8 | 57.6 | 60.4 | 66.5 | 71.3 | 72.9 | 73.1 | 72.8 | 65.6 | 58.9 | 53.2 | 62.9 |
| S.D. | 11.453 | 10.626 | 9.161 | 7.483 | 4.898 | 2.674 | 2.620 | 2.281 | 2.284 | 6.869 | 9.737 | 10.888 | 11.180 |
| TOTAL OBS. | 930 | 846 | 928 | 900 | 929 | 900 | 930 | 930 | 900 | 929 | 900 | 930 | 10952 |
| MEAN | 51.5 | 49.5 | 57.2 | 60.0 | 65.9 | 70.6 | 72.3 | 72.5 | 72.2 | 65.2 | 58.5 | 52.9 | 62.4 |
| S.D. | 11.609 | 10.598 | 8.915 | 7.495 | 4.983 | 2.894 | 2.801 | 2.445 | 2.514 | 6.830 | 9.909 | 10.867 | 11.170 |
| TOTAL OBS. | 930 | 846 | 927 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| MEAN | 51.1 | 49.4 | 57.3 | 61.0 | 67.4 | 72.2 | 73.9 | 73.8 | 73.2 | 65.8 | 58.8 | 52.7 | 63.1 |
| S.D. | 11.944 | 11.061 | 9.370 | 7.297 | 4.982 | 2.818 | 2.691 | 2.534 | 2.600 | 6.699 | 9.831 | 11.311 | 11.751 |
| TOTAL OBS. | 930 | 846 | 927 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10953 |
| MEAN | 53.7 | 51.4 | 58.0 | 60.8 | 67.1 | 72.2 | 74.1 | 74.5 | 74.1 | 66.6 | 60.5 | 55.1 | 64.1 |
| S.D. | 13.066 | 11.485 | 10.027 | 7.913 | 5.222 | 2.582 | 2.330 | 2.027 | 2.320 | 6.401 | 9.670 | 11.192 | 11.400 |
| TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 929 | 900 | 930 | 10955 |
| MEAN | 53.4 | 50.8 | 57.4 | 60.3 | 66.9 | 72.3 | 73.8 | 74.3 | 73.8 | 66.3 | 60.1 | 54.9 | 63.8 |
| S.D. | 12.934 | 11.317 | 10.082 | 8.043 | 5.583 | 2.758 | 2.620 | 2.222 | 2.363 | 6.641 | 9.496 | 11.293 | 11.514 |
| TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| MEAN | 53.6 | 50.9 | 57.9 | 60.5 | 67.2 | 72.3 | 74.0 | 74.2 | 73.7 | 66.4 | 60.2 | 55.1 | 63.9 |
| S.D. | 12.489 | 10.987 | 9.881 | 7.854 | 5.321 | 2.909 | 2.505 | 2.175 | 2.170 | 6.418 | 9.553 | 11.303 | 11.338 |
| TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| MEAN | 53.5 | 51.6 | 58.4 | 61.2 | 67.2 | 72.1 | 73.8 | 73.8 | 73.3 | 65.9 | 59.7 | 54.7 | 63.8 |
| S.D. | 11.633 | 10.446 | 9.493 | 7.411 | 5.252 | 2.678 | 2.319 | 2.093 | 2.180 | 6.394 | 9.494 | 10.797 | 10.969 |
| TOTAL OBS. | 930 | 846 | 930 | 899 | 930 | 900 | 930 | 930 | 900 | 928 | 898 | 927 | 10948 |
| MEAN | 52.6 | 50.2 | 58.2 | 60.8 | 67.0 | 71.7 | 73.2 | 73.4 | 73.0 | 65.5 | 59.0 | 53.7 | 63.3 |
| S.D. | 11.509 | 10.838 | 9.421 | 7.578 | 4.999 | 2.603 | 2.359 | 2.163 | 2.199 | 6.759 | 9.836 | 11.213 | 11.222 |
| TOTAL OBS. | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 929 | 897 | 927 | 10949 |
| MEAN | 52.7 | 50.5 | 57.7 | 60.6 | 66.9 | 71.8 | 73.5 | 73.7 | 73.3 | 65.9 | 59.5 | 54.0 | 63.4 |
| S.D. | 12.126 | 10.948 | 9.557 | 7.643 | 5.175 | 2.799 | 2.600 | 2.333 | 2.396 | 6.641 | 9.712 | 11.146 | 11.333 |
| TOTAL OBS. | 7440 | 6768 | 7432 | 7199 | 7439 | 7200 | 7440 | 7440 | 7200 | 7435 | 7195 | 7434 | 87622 |
| ALL HOURS | | | | | | | | | | | | | |

12 46 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-75.

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN. | 1-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99. | 98.7 | 89.0 | 74.7 | 44.9 | 30.4 | 930 |
| | 3-05 | 100.0 | 100.0 | 100.0 | 99.7 | 99.1 | 96.9 | 91.1 | 75.6 | 50.8 | 37.7 | 930 |
| | 5-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.8 | 89.7 | 72.1 | 53.4 | 38.1 | 930 |
| | 8-11 | 100.0 | 100.0 | 99.4 | 95.4 | 94.4 | 82.9 | 65.3 | 41.4 | 18.6 | 75.3 | 930 |
| | 12-14 | 100.0 | 100.0 | 97.0 | 93.1 | 85.6 | 68.7 | 52.7 | 34.2 | 8.2 | 64.8 | 930 |
| | 16-17 | 100.0 | 99.7 | 97.2 | 93.5 | 85.8 | 69.4 | 44.7 | 21.9 | 5.5 | 67.4 | 930 |
| | 19-20 | 100.0 | 100.0 | 100.0 | 99.2 | 96. | 89.5 | 78.6 | 60.1 | 23.0 | 30.5 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 97.4 | 94.2 | 85.3 | 69.1 | 39.7 | 84.3 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.2 | 98.0 | 94.6 | 86.2 | 72.1 | 54.1 | 30.0 | 75.3 | 7440 |

RELATIVE HUMIDITY

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 0-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.5 | 86.6 | 71.7 | 42.2 | 25.3 | 546 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.6 | 90.8 | 77.9 | 48.2 | 30.9 | 546 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 96.2 | 91.1 | 77.3 | 46.3 | 26.7 | 546 |
| | 09-11 | 100.0 | 100.0 | 99.5 | 97.0 | 88.2 | 72.9 | 51.3 | 27.3 | 8.5 | 7.3 | 546 |
| | 12-14 | 100.0 | 100.0 | 99.5 | 90.0 | 74.5 | 44.8 | 21.5 | 9.3 | 2.7 | 59.7 | 546 |
| | 15-17 | 100.0 | 99.8 | 99.0 | 90.2 | 74.5 | 53.2 | 29.9 | 13.9 | 3.3 | 61.9 | 546 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 99.2 | 96.0 | 86.3 | 70.2 | 40.1 | 13.6 | 76.8 | 546 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.1 | 93.5 | 81.1 | 64.1 | 30.9 | 32.5 | 546 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.5 | 97.0 | 91.4 | 80.0 | 65.3 | 48.5 | 24.5 | 76.3 | 6763 |

| | |
|---------|-------------------------|
| 12.96 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

65-71, 77-80

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 01-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.3 | 87.6 | 72.5 | 37.6 | 80.0 | 908 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 91.7 | 76.6 | 50.3 | 37.9 | 957 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.4 | 88.0 | 73.4 | 44.9 | 36.4 | 927 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 96.7 | 89.2 | 66.1 | 42.9 | 19.5 | 3.3 | 67.0 | 93 |
| | 12-14 | 100.0 | 100.0 | 99.1 | 90.3 | 72.9 | 46.6 | 22.4 | 6.2 | 2.4 | 59.4 | 97 |
| | 15-17 | 100.0 | 100.0 | 98.0 | 92.6 | 79.8 | 56.3 | 34.0 | 12.4 | 3.2 | 63.0 | 97 |
| | 18-20 | 100.0 | 100.0 | 99.5 | 97.8 | 94.1 | 85.7 | 70.2 | 46.7 | 11.4 | 76.3 | 93 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.9 | 94.5 | 83.8 | 68.2 | 25.1 | 83.1 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.6 | 97.2 | 91.7 | 80.0 | 65.1 | 47.7 | 22.7 | 76.1 | 7432 |

RELATIVE HUMIDITY

| | |
|---------|-------------------------|
| 1276 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

60-70, 73-76

APR
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 1-12 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 95.1 | 82.0 | 65.9 | 22.6 | 80.2 | 900 |
| | 13-25 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 95.9 | 36.3 | 75.3 | 37.2 | 45.0 | 900 |
| | 26-38 | 100.0 | 100.0 | 100.0 | 100.0 | 93.2 | 90.1 | 77.9 | 63.8 | 28.3 | 81.5 | 900 |
| | 9-11 | 100.0 | 100.0 | 99.1 | 94.4 | 81.8 | 53.1 | 27.0 | 9.1 | 1.7 | 62.0 | 900 |
| | 12-14 | 100.0 | 100.0 | 98.0 | 90.0 | 67.6 | 36.8 | 13.4 | 4.2 | 1.2 | 56.0 | 900 |
| | 15-17 | 100.0 | 99.9 | 93.2 | 81.7 | 73.4 | 46.8 | 24.7 | 9.9 | 1.4 | 59.6 | 900 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 99.0 | 93.5 | 79.1 | 55.7 | 33.0 | 4.7 | 71.9 | 899 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 91.6 | 73.3 | 53.3 | 12.0 | 78.9 | 900 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.4 | 96.9 | 88.9 | 73.6 | 55.0 | 30.8 | 13.6 | 72.3 | 7199 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

| | |
|---------|-------------------------|
| 12596 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

62-72, 73-30

MAY
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 93.1 | 74.4 | 31.5 | 87.4 | 929 |
| | 3-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 95.8 | 85.4 | 44.0 | 68.2 | 930 |
| | 6-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.8 | 85.3 | 63.5 | 25.1 | 32.9 | 777 |
| | 9-11 | 100.0 | 100.0 | 100.0 | 99.4 | 92.8 | 68.1 | 33.8 | 7.0 | .6 | 65.8 | 930 |
| | 12-14 | 100.0 | 100.0 | 99.6 | 90.5 | 67.6 | 54.9 | 22.5 | 7.2 | 1.9 | 62.2 | 930 |
| | 15-17 | 100.0 | 100.0 | 99.6 | 97.4 | 91.7 | 70.4 | 37.3 | 13.9 | 4.8 | 67.1 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 99.2 | 97.5 | 91.3 | 71.8 | 39.7 | 7.2 | 76.0 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.3 | 86.9 | 61.3 | 16.7 | 81.9 | 930 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 99.1 | 96.1 | 84.5 | 65.3 | 44.1 | 16.4 | 76.3 | 7479 |

1 436 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-82

JULY
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 91.0 | 40.8 | 89.3 | 970 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 95.9 | 61.9 | 91.7 | 970 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.0 | 73.6 | 31.7 | 96.0 | 970 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 86.9 | 43.4 | 8.0 | 2.1 | 67.5 | 970 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.9 | 95.9 | 75.0 | 30.3 | 5.6 | 1.7 | 56.7 | 970 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.8 | 97.4 | 85.9 | 51.3 | 16.6 | 5.1 | 71.3 | 970 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.0 | 88.0 | 46.4 | 13.0 | 30.2 | 970 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.1 | 75.2 | 26.0 | 80.0 | 970 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 93.4 | 75.5 | 52.3 | 23.0 | 80.1 | 7400 |

| | | | |
|---------|-------------------------|------------|-------|
| 12486 | KENNEDY SPAC. CENTER FL | 62-70,73-6 | J L |
| STATION | STATION NAME | PERIOD | MONTH |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 1-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 99.3 | 44.5 | 80.7 | 930 |
| | 1-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.7 | 63.1 | 92.3 | 930 |
| | 1-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.2 | 77.5 | 34.9 | 86.8 | 930 |
| | 9-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 90.4 | 43.8 | 7.6 | 1.2 | 69.7 | 930 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.9 | 95.7 | 75.1 | 26.3 | 7.8 | 1.4 | 66.0 | 930 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 86.9 | 47.6 | 17.1 | 5.2 | 71.1 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 88.4 | 51.3 | 11.8 | 80.7 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 85.3 | 27.6 | 87.3 | 930 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 93.9 | 75.1 | 55.0 | 23.8 | 80.5 | 7447 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12056 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-80
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|-------|-------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 06-08 | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 49.9 | 91.0 | 73 |
| 09-09 | 09-09 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.3 | 65.5 | 92.8 | 63 |
| 06-06 | 06-06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 60.0 | 41.1 | 93.0 | 930 |
| 09-11 | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.2 | 51.0 | 9.7 | 1.1 | 71.5 | 970 |
| 12-14 | 12-14 | 100.0 | 100.0 | 100.0 | 99.9 | 99.0 | 86.7 | 28.9 | 5.5 | 2.3 | 67.9 | 930 |
| 15-17 | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 93.4 | 51.7 | 17.6 | 6.9 | 73.5 | 930 |
| 18-20 | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 93.9 | 53.5 | 13.3 | 84.1 | 930 |
| 21-23 | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.0 | 30.6 | 98.0 | 930 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.0 | 78.1 | 56.7 | 26.4 | 81.7 | 7440 |

2

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12-89 STATION KENNEDY SPACE CENTER FL
STATION NAME

69-70,73-76

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 12-01 | 12-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 91.6 | 46.6 | 91.6 | 900 |
| 12-02 | 12-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 95.1 | 59.7 | 91.2 | 900 |
| 12-03 | 12-03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 95.6 | 44.2 | 89.1 | 900 |
| 12-04 | 12-04 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.3 | 60.9 | 15.0 | 2.0 | 73.0 | 900 |
| 12-05 | 12-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 89.4 | 35.7 | 7.1 | 2.0 | 69.0 | 900 |
| 12-06 | 12-06 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 95.3 | 59.1 | 18.0 | 3.0 | 73.2 | 900 |
| 12-07 | 12-07 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.8 | 61.7 | 10.8 | 82.7 | 900 |
| 12-08 | 12-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 83.3 | 27.9 | 97.1 | 900 |
| 12-09 | 12-09 | | | | | | | | | | | |
| 12-10 | 12-10 | | | | | | | | | | | |
| 12-11 | 12-11 | | | | | | | | | | | |
| 12-12 | 12-12 | | | | | | | | | | | |
| 12-13 | 12-13 | | | | | | | | | | | |
| 12-14 | 12-14 | | | | | | | | | | | |
| 12-15 | 12-15 | | | | | | | | | | | |
| 12-16 | 12-16 | | | | | | | | | | | |
| 12-17 | 12-17 | | | | | | | | | | | |
| 12-18 | 12-18 | | | | | | | | | | | |
| 12-19 | 12-19 | | | | | | | | | | | |
| 12-20 | 12-20 | | | | | | | | | | | |
| 12-21 | 12-21 | | | | | | | | | | | |
| 12-22 | 12-22 | | | | | | | | | | | |
| 12-23 | 12-23 | | | | | | | | | | | |
| 12-24 | 12-24 | | | | | | | | | | | |
| 12-25 | 12-25 | | | | | | | | | | | |
| 12-26 | 12-26 | | | | | | | | | | | |
| 12-27 | 12-27 | | | | | | | | | | | |
| 12-28 | 12-28 | | | | | | | | | | | |
| 12-29 | 12-29 | | | | | | | | | | | |
| 12-30 | 12-30 | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.6 | 81.4 | 57.2 | 24.6 | 82.0 | 7200 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

12.64 KENNEDY SPACE CENTER FL
STATION STATION NAME

66-70, 77-80

001
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JULY | 00-03 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 94.6 | 82.7 | 61.3 | 27.1 | 92.3 | 929 |
| | 03-06 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 95.7 | 84.7 | 66.8 | 39.1 | 84.1 | 930 |
| | 06-09 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 93.1 | 82.2 | 62.5 | 31.9 | 80.0 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.7 | 94.0 | 71.4 | 48.9 | 14.3 | 2.7 | 63.0 | 929 |
| | 12-14 | 100.0 | 100.0 | 99.9 | 97.6 | 89.2 | 55.1 | 26.2 | 6.1 | 1.7 | 43.6 | 930 |
| | 15-17 | 100.0 | 100.0 | 99.9 | 98.7 | 92.4 | 68.9 | 39.8 | 11.6 | 2.0 | 67.5 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 91.8 | 73.3 | 40.6 | 7.2 | 70.0 | 928 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 93.5 | 77.2 | 54.0 | 14.5 | 70.6 | 929 |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.5 | 96.6 | 83.3 | 63.3 | 40.8 | 15.5 | 70.6 | 7435 |

| | |
|---------|-------------------------|
| 10150 | WACAGUY SPACE CENTER FL |
| STATION | STATION NAME |

66-70,77-81

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 01-30 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 94.2 | 85.0 | 71.9 | 57.7 | 34.0 | 970 |
| | 3-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 93.3 | 86.4 | 75.9 | 64.3 | 50.3 | 970 |
| | 06-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.0 | 87.1 | 78.1 | 68.3 | 58.3 | 970 |
| | 08-11 | 100.0 | 100.0 | 100.0 | 99.0 | 92.9 | 79.9 | 61.0 | 48.2 | 36.2 | 28.4 | 960 |
| | 10-14 | 100.0 | 100.0 | 99.7 | 90.5 | 84.8 | 65.4 | 47.3 | 30.2 | 17.2 | 13.1 | 970 |
| | 16-17 | 100.0 | 100.0 | 99.6 | 90.3 | 89.2 | 69.9 | 44.4 | 18.5 | 3.9 | 67.5 | 970 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 98.6 | 91.3 | 76.9 | 59.1 | 16.1 | 77.9 | 895 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 93.6 | 93.6 | 81.0 | 67.0 | 30.2 | 82.3 | 897 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 98.6 | 95.2 | 84.0 | 67.5 | 50.3 | 23.3 | 77.6 | 7190 |

| | |
|---------|-------------------------|
| 17000 | KENNEDY SPACE CENTER FL |
| STATION | STATION NAME |

62-74, 77-79

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 0-55 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.0 | 83.7 | 71.0 | 44.0 | 50.2 | 93 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.2 | 87.1 | 74.9 | 49.6 | 50.7 | 93 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.2 | 87.5 | 75.1 | 50.1 | 57. | 930 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 98.5 | 93.5 | 79.8 | 56.9 | 35.0 | 11.7 | 73.3 | 930 |
| | 12-14 | 100.0 | 100.0 | 98.8 | 93.9 | 84.1 | 56.6 | 28.9 | 13.5 | 4.3 | 61.3 | 93 |
| | 15-17 | 100.0 | 99.9 | 98.3 | 94.4 | 85.9 | 66.9 | 44.6 | 24.4 | 5.4 | 67.5 | 93 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 98.3 | 92.6 | 78.7 | 58.7 | 22.7 | 81.. | 927 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 94.2 | 82.0 | 66.5 | 37.4 | 81.6 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.6 | 93.2 | 95.1 | 95.1 | 68.7 | 52.4 | 20.2 | 75.5 | 7434 |

U.S. AIR CLIMATOLOGY BRANCH
 6150 TSC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1. 76 KENNEDY SPACE CENTER FL
 STATION STATION NAME

67-70, 73-75

PERIOD

ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 99.8 | 99.3 | 94.6 | 86.2 | 72.1 | 54.1 | 31.0 | 71.3 | 744 |
| FEB | | 100.0 | 100.0 | 99.8 | 97.0 | 91.4 | 81.0 | 65.3 | 46.0 | 24.5 | 76.3 | 678 |
| MAR | | 100.0 | 100.0 | 99.6 | 97.2 | 91.7 | 81.0 | 65.1 | 47.7 | 22.7 | 76.1 | 743 |
| APR | | 100.0 | 100.0 | 99.4 | 96.9 | 88.9 | 73.6 | 55.0 | 36.4 | 17.0 | 72.3 | 719 |
| MAY | | 100.0 | 100.0 | 99.9 | 99.1 | 96.1 | 84.5 | 65.2 | 44.1 | 16.4 | 76.3 | 743 |
| JUN | | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 93.4 | 75.0 | 52.3 | 23.0 | 81.1 | 710 |
| JUL | | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 93.9 | 75.1 | 55.0 | 23.8 | 81.3 | 744 |
| AUG | | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.0 | 78.0 | 56.7 | 26.4 | 81.7 | 744 |
| SEP | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.6 | 81.4 | 57.2 | 24.6 | 82.0 | 720 |
| OCT | | 100.0 | 100.0 | 100.0 | 99.5 | 96.6 | 83.3 | 63.3 | 40.8 | 15.5 | 75.6 | 743 |
| NOV | | 100.0 | 100.0 | 99.9 | 98.8 | 95.2 | 84.0 | 67.5 | 50.3 | 23.3 | 77.6 | 719 |
| DEC | | 100.0 | 100.0 | 99.6 | 98.2 | 95.0 | 85.1 | 68.7 | 52.4 | 28.2 | 73.5 | 743 |
| TOTALS | | 100.0 | 100.0 | 99.8 | 98.7 | 95.6 | 86.6 | 69.4 | 49.8 | 22.7 | 73.0 | 6732 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

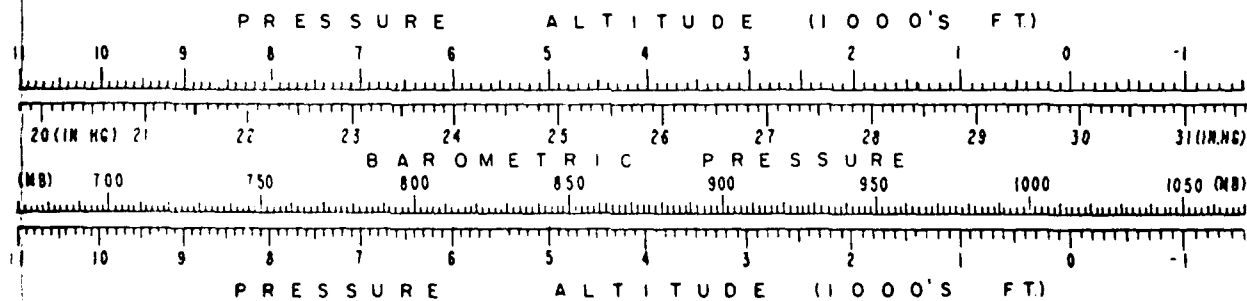
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATION

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

1986 KENNEDY SPACE CENTER FL

68-70,73-80

| HR | MEAN | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|--------|
| 1 | MEAN | 30.09830 | 0.08730 | 0.04930 | 0.04229 | 9.88830 | 0.00530 | 0.04430 | 0.03629 | 9.8329 | 9.99930 | 0.07130 | 0.094 | 30.041 |
| | S.D. | .146 | .137 | .142 | .131 | .097 | .086 | .065 | .070 | .095 | .098 | .115 | .130 | .119 |
| | TOTAL OBS | 308 | 282 | 309 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3649 |
| 4 | MEAN | 30.08730 | 0.06730 | 0.02430 | 0.02329 | 9.97029 | 9.8330 | 0.02530 | 0.01129 | 9.86129 | 9.8130 | 0.05930 | 0.081 | 30.023 |
| | S.D. | .146 | .137 | .142 | .129 | .096 | .084 | .065 | .070 | .084 | .098 | .114 | .131 | .119 |
| | TOTAL OBS | 310 | 282 | 309 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 7 | MEAN | 30.10530 | 0.09430 | 0.05930 | 0.06030 | 0.00530 | 0.01530 | 0.05330 | 0.04129 | 9.99230 | 0.01030 | 0.08530 | 0.101 | 30.051 |
| | S.D. | .146 | .137 | .142 | .131 | .095 | .086 | .064 | .070 | .082 | .099 | .115 | .132 | .118 |
| | TOTAL OBS | 310 | 282 | 309 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3650 |
| 10 | MEAN | 30.14930 | 0.13130 | 0.09330 | 0.08630 | 0.02730 | 0.03630 | 0.07530 | 0.06930 | 0.02030 | 0.04130 | 0.12030 | 0.143 | 30.082 |
| | S.D. | .148 | .141 | .146 | .135 | .099 | .086 | .067 | .071 | .083 | .100 | .118 | .130 | .122 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 17 | MEAN | 30.10030 | 0.09630 | 0.06530 | 0.06230 | 0.00830 | 0.02030 | 0.05830 | 0.05129 | 9.99430 | 0.00530 | 0.07430 | 0.091 | 30.052 |
| | S.D. | .152 | .144 | .149 | .141 | .103 | .087 | .068 | .074 | .085 | .103 | .120 | .136 | .122 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 16 | MEAN | 30.07230 | 0.05530 | 0.02130 | 0.02029 | 9.97129 | 9.8730 | 0.02630 | 0.01529 | 9.95529 | 9.97930 | 0.04930 | 0.068 | 30.018 |
| | S.D. | .152 | .147 | .153 | .141 | .104 | .087 | .070 | .070 | .087 | .103 | .122 | .137 | .124 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 19 | MEAN | 30.09430 | 0.07130 | 0.03230 | 0.02629 | 9.97529 | 9.99330 | 0.03130 | 0.02029 | 9.96729 | 9.99730 | 0.06930 | 0.091 | 30.030 |
| | S.D. | .148 | .142 | .150 | .139 | .101 | .086 | .067 | .069 | .090 | .101 | .119 | .135 | .123 |
| | TOTAL OBS | 310 | 282 | 310 | 299 | 310 | 300 | 310 | 310 | 300 | 309 | 299 | 309 | 3648 |
| 22 | MEAN | 30.11530 | 0.09830 | 0.06330 | 0.05630 | 0.00630 | 0.02130 | 0.05730 | 0.05029 | 9.99830 | 0.02130 | 0.09030 | 0.108 | 30.057 |
| | S.D. | .146 | .138 | .143 | .134 | .098 | .084 | .065 | .069 | .106 | .099 | .117 | .130 | .120 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 308 | 3649 |
| ALL HOURS | MEAN | 30.10330 | 0.08730 | 0.05130 | 0.04729 | 9.99430 | 0.00830 | 0.04630 | 0.03729 | 9.98430 | 0.00430 | 0.07730 | 0.097 | 30.044 |
| | S.D. | .149 | .142 | .147 | .137 | .101 | .087 | .069 | .073 | .091 | .102 | .119 | .134 | .122 |
| | TOTAL OBS | 2478 | 2256 | 2477 | 2399 | 2479 | 2400 | 2480 | 2480 | 2400 | 2479 | 2398 | 2477 | 29203 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

12-86 KENNEDY SPACE CENTER FL

68-70, 73-80

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | | | |
|-----------|--|--------------|--|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|------|--------|--|
| HRS. | | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANNUAL | |
| 1 | | MEAN | 1019.91019.51018.21017.91016.11016.71018.01017.71015.91016.51018.91019.7 | 1017.9 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 4.956 | 4.608 | 4.799 | 4.419 | 3.264 | 2.868 | 2.155 | 2.345 | 3.215 | 3.317 | 3.904 | 4.407 | | | | | | | | | | | | 4.017 | |
| | | TOTAL OBS. | 310 | 282 | 309 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | | | 3651 | | |
| 24 | | MEAN | 1019.51018.81017.31017.31015.51015.91017.31016.91015.21015.91018.51019.3 | 1017.3 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 4.981 | 4.612 | 4.789 | 4.358 | 3.228 | 2.825 | 2.157 | 2.354 | 2.855 | 3.311 | 3.865 | 4.429 | | | | | | | | | | | | 4.014 | |
| | | TOTAL OBS. | 310 | 282 | 309 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | | | 3651 | | |
| 27 | | MEAN | 1020.11019.71018.51018.51016.71017.01018.31017.91016.21016.91019.41019.9 | 1018.3 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 4.958 | 4.628 | 4.767 | 4.410 | 3.201 | 2.894 | 2.110 | 2.363 | 2.782 | 3.348 | 3.888 | 4.463 | | | | | | | | | | | | 3.979 | |
| | | TOTAL OBS. | 310 | 282 | 309 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | | | 3651 | | |
| 10 | | MEAN | 1021.61021.01019.61019.41017.41017.71019.01018.81017.21017.91020.61021.4 | 1019.3 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 5.019 | 4.751 | 4.905 | 4.560 | 3.332 | 2.898 | 2.222 | 2.396 | 2.791 | 3.393 | 3.987 | 4.410 | | | | | | | | | | | | 4.114 | |
| | | TOTAL OBS. | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | | | 3652 | | |
| 13 | | MEAN | 1019.91019.81018.71018.61016.81017.21018.51018.21016.31016.71019.01019.6 | 1018.3 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 5.150 | 4.852 | 5.026 | 4.743 | 3.479 | 2.925 | 2.272 | 2.471 | 2.859 | 3.469 | 4.053 | 4.590 | | | | | | | | | | | | 4.122 | |
| | | TOTAL OBS. | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | | | 3652 | | |
| 16 | | MEAN | 1019.01018.41017.21017.21015.51016.11017.41017.01015.01015.81018.21018.8 | 1017.1 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 5.179 | 4.967 | 5.144 | 4.767 | 3.526 | 2.931 | 2.312 | 2.373 | 2.948 | 3.485 | 4.134 | 4.655 | | | | | | | | | | | | 4.186 | |
| | | TOTAL OBS. | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | | | | | | | | | | | | 3651 | |
| 19 | | MEAN | 1019.71018.91017.61017.41015.71016.31017.51017.21015.41016.41018.91019.6 | 1017.5 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 5.032 | 4.779 | 5.037 | 4.682 | 3.397 | 2.883 | 2.258 | 2.317 | 3.050 | 3.410 | 4.025 | 4.563 | | | | | | | | | | | | 4.150 | |
| | | TOTAL OBS. | 310 | 282 | 310 | 299 | 310 | 300 | 310 | 310 | 300 | 309 | 299 | 309 | | | | | | | | | | | | 3648 | |
| 22 | | MEAN | 1020.41019.81018.61018.41016.71017.21018.41018.21016.41017.21019.61020.2 | 1018.4 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 4.965 | 4.653 | 4.829 | 4.498 | 3.289 | 2.809 | 2.151 | 2.316 | 3.604 | 3.340 | 3.952 | 4.457 | | | | | | | | | | | | 4.052 | |
| | | TOTAL OBS. | 305 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 299 | 306 | | | | | | | | | | | | 3641 | |
| ALL HOURS | | MEAN | 1020.01019.51018.21018.11016.31016.81018.11017.71016.01016.61019.11019.8 | 1018.0 | | | | | | | | | | | | | | | | | | | | | | | |
| | | S.D. | 5.074 | 4.783 | 4.967 | 4.610 | 3.402 | 2.935 | 2.274 | 2.448 | 3.096 | 3.442 | 4.030 | 4.546 | | | | | | | | | | | | 4.133 | |
| | | TOTAL OBS. | 2475 | 2256 | 2477 | 2399 | 2480 | 2400 | 2480 | 2480 | 2398 | 2479 | 2398 | 2475 | | | | | | | | | | | | 29197 | |

END

DATE
FILMED

9-81

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